

## Model

1

## 1. Choose the correct answer.

1. The opposite two lines are \_\_\_\_\_
- A. intersecting    B. parallel  
C. perpendicular    D. intersecting and perpendicular.



2.  $3\frac{2}{10} = 3\frac{\quad}{100}$

- A. 2,000            B. 200            C. 20            D. 2

3. Which of the following is a unit fraction ?

- A.  $\frac{2}{3}$             B.  $\frac{1}{5}$             C.  $\frac{3}{7}$             D.  $1\frac{1}{5}$

4. Fifty hundredths = \_\_\_\_\_

- A. 5,000            B. 0.05            C. 0.5            D. 5.05

5. The scalene triangle has \_\_\_\_\_ equal sides.

- A. 0            B. 1            C. 2            D. 3

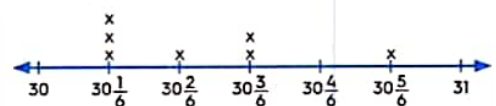
6. Which of the following fractions is equivalent to 1?

- A.  $\frac{2}{7}$             B.  $1\frac{5}{7}$             C.  $\frac{7}{2}$             D.  $\frac{7}{7}$

7. The opposite line plot represents the heights of some palm trees in meters, then the number of all the palm trees in this graph is \_\_\_\_\_

- A. 7            B. 14  
C. 21            D. 70

Heights of palm trees in meters




Key Each x represents 3 palm trees

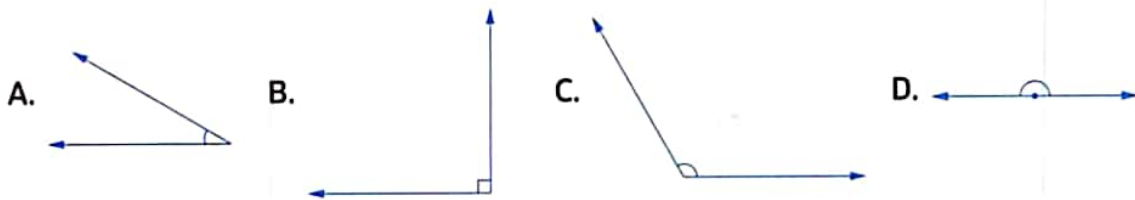
## 2. Complete.

1. 24 tenths = \_\_\_\_\_
2.  $\frac{20}{25} = \frac{\quad}{5}$
3. The place value of the digit 0 in the number 10.62 is \_\_\_\_\_
4. The measure of an \_\_\_\_\_ angle is less than the measure of a right angle.

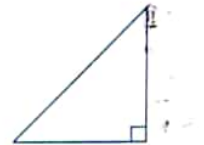
5. The numerator of the fraction  $\frac{3}{7}$  is \_\_\_\_\_
6. The value of the digit 6 in the number 3.26 is \_\_\_\_\_
7.  $3 + 0.03 + 0.3 =$  \_\_\_\_\_
8.  $2\frac{1}{6} =$  \_\_\_\_\_ [as an improper fraction]

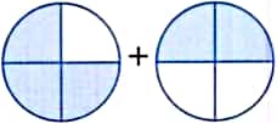
### 3. Choose the correct answer.

1.  $\frac{73}{10} =$  \_\_\_\_\_ [as a mixed number]  
 A.  $70\frac{3}{10}$       B.  $10\frac{3}{7}$       C.  $7\frac{3}{10}$       D.  $7\frac{1}{7}$
2.  $\frac{2}{10} =$  \_\_\_\_\_ [as a decimal]  
 A. 1.2      B. 2.1      C. 0.2      D. 0.22
3. The name of the figure  is \_\_\_\_\_  
 A.  $\overline{LM}$       B.  $\overrightarrow{LM}$       C.  $\overline{LM}$       D.  $\overrightarrow{ML}$
4. Which figure shows a right angle ?



5. The opposite triangle is \_\_\_\_\_ triangle.  
 A. an acute      B. an obtuse  
 C. a right      D. an equilateral
6. A parallelogram has \_\_\_\_\_  
 A. 4 right angles.      B. 4 equal sides.  
 C. 1 pair of parallel sides.      D. 2 pairs of parallel sides.



7.  + \_\_\_\_\_ = \_\_\_\_\_  
 A.  $\frac{2}{4}$       B.  $\frac{4}{4}$       C.  $\frac{5}{4}$       D.  $\frac{3}{4}$

### 4. Answer the following questions.

1. a.  $3\frac{2}{5} - 2\frac{1}{5} =$  \_\_\_\_\_      |      b.  $2\frac{4}{7} + 1\frac{3}{7} =$  \_\_\_\_\_      |      c.  $2\frac{1}{10} + \frac{1}{100} =$  \_\_\_\_\_

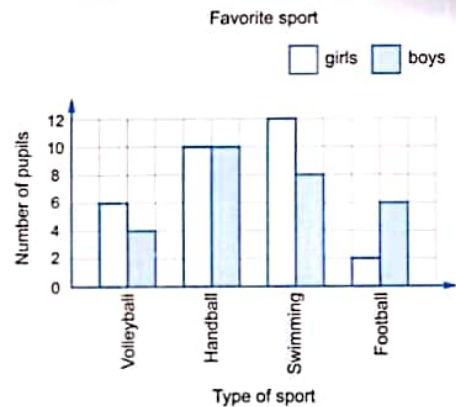
- Draw an angle of measure  $110^\circ$
- Order the following fractions in an ascending order:

$$\frac{2}{5}, \frac{2}{9}, \frac{2}{3}, \frac{2}{10}, \frac{2}{4}$$

- By using the opposite graph, answer the following questions:

a. Complete the table.

Sport \ Pupils	Volleyball	Handball	Swimming	Football
Boys	4	—	—	—
Girls	—	—	—	2



- How many boys prefer swimming?
- How many girls prefer volleyball?

## Model

## 2

1. Choose the correct answer.

- The value of the digit 5 in the number 7.45 is \_\_\_\_\_  
 A. 5                      B. 0.5                      C. 0.05                      D. 50
- The fraction  $\frac{5}{12}$  makes an angle of measure \_\_\_\_\_  
 A.  $90^\circ$                       B.  $150^\circ$                       C.  $210^\circ$                       D.  $300^\circ$
- \_\_\_\_\_ angle measures between  $90^\circ$  and  $180^\circ$   
 A. An acute                      B. An obtuse                      C. A right                      D. A straight
- $3\frac{2}{5} =$  \_\_\_\_\_ (as an improper fraction)  
 A.  $\frac{17}{3}$                       B.  $\frac{17}{5}$                       C.  $\frac{32}{5}$                       D.  $\frac{32}{3}$
- Which of the following fractions is greater than 1?  
 A.  $\frac{4}{5}$                       B.  $\frac{5}{8}$                       C.  $\frac{7}{5}$                       D.  $\frac{9}{10}$
- The following data show the heights of 20 pupils in class 4/A in centimeters

110	111	109	108	100	101	103	105	103	104
102	100	103	105	110	104	106	100	109	103

What is the suitable method of representing this data?

- line plot
- bar line
- double bar line

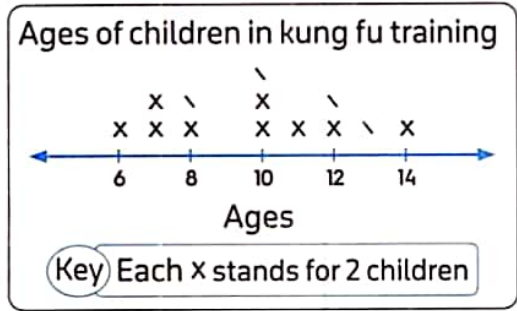
7.  $4 + \frac{4}{3} =$  \_\_\_\_\_  
 A.  $4\frac{1}{3}$       B.  $\frac{16}{4}$       C.  $\frac{12}{3}$       D.  $5\frac{1}{3}$

2. Complete.

1. 2.3 = \_\_\_\_\_ tenths.      2.  $\frac{6}{7} \times \frac{3}{3} =$  \_\_\_\_\_

3.  $\frac{1}{2}$  of a circle measured \_\_\_\_\_ °

4. By using the opposite line plot, the number of children whose ages are 10 years old is \_\_\_\_\_



5.  $3\frac{3}{100} =$  \_\_\_\_\_ [as a decimal]

6.  $\frac{2}{10} + \frac{5}{100} =$  \_\_\_\_\_

7. The square has \_\_\_\_\_ right angles.

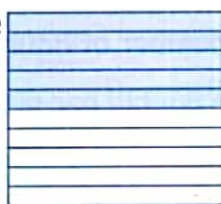
8. The \_\_\_\_\_ triangle has no equal sides.

3. Choose the correct answer.

1. The digit 4 in 15.42 is in \_\_\_\_\_ place.  
 A. ones      B. tens      C. tenths      D. hundredths

2. The suitable decimal of the figure \_\_\_\_\_ is \_\_\_\_\_

- A. 0.5      B. 0.05  
 C. 5.05      D. 0.7



3.  $3 - 1\frac{3}{5} =$  \_\_\_\_\_

- A.  $3\frac{1}{5}$       B.  $2\frac{3}{5}$       C.  $\frac{2}{5}$       D.  $1\frac{2}{5}$

4. A \_\_\_\_\_ has a vary measuring angles with only one pair of parallel sides.

- A. parallelogram      B. square      C. trapezium      D. rhombus

5. How many right angles are there in the opposite figure ?

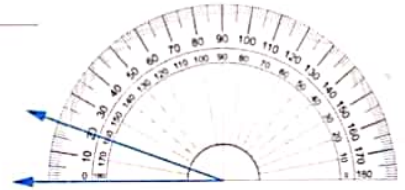
- A. 0      B. 1  
 C. 2      D. 3





6. The opposite figure shows an angle with measure \_\_\_\_\_

- A. 20°
- B. 160°
- C. 180°
- D. 0°



7. Which is a measure of an acute angle ?

- A. 40°
- B. 90°
- C. 120°
- D. 180°

4. Answer the following questions.

1. a.  $1 + 2\frac{1}{3} + 2 + 1\frac{1}{3} =$  \_\_\_\_\_

b.  $7\frac{4}{7} - 5\frac{3}{7} =$  \_\_\_\_\_

2. Mathew has 18 apples. Two thirds of the apples are red. How many apples are red ?

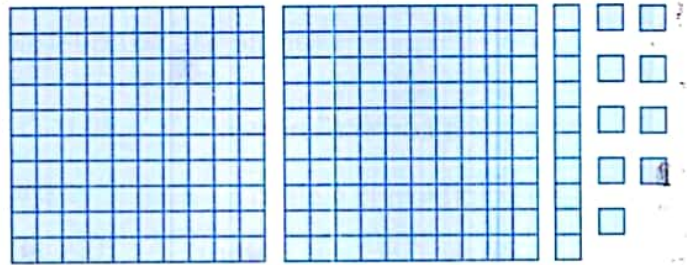
3. Using the opposite model , answer each of the following.

Given

	stands for one whole.		stands for one tenth.		stands for one hundredth.
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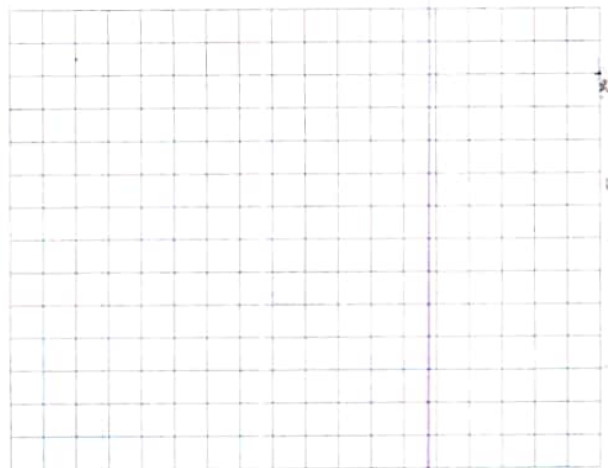
a. Standard form : \_\_\_\_\_

b. Word form : \_\_\_\_\_



4. The following data show the number of hours that Ayman and Nora study in 6 days. Represent this data by using a double bar graph.

Day \ Name	Sat.	Sun.	Mon.	Tue.	Wed.	Thu.
Ayman	3	$4\frac{1}{2}$	3	$4\frac{1}{2}$	$3\frac{1}{2}$	2
Nora	4	5	$2\frac{1}{2}$	5	$4\frac{1}{2}$	3



## Model

3

## 1. Choose the correct answer.

1. Which of the following is NOT true ?

A.  $\frac{5}{15} = \frac{1}{3}$

B.  $\frac{1}{6} = \frac{3}{18}$

C.  $\frac{7}{8} = \frac{8}{17}$

D.  $\frac{3}{3} = \frac{4}{4}$

2. Which fraction is equivalent to 0.3 ?

A.  $\frac{30}{10}$

B.  $\frac{3}{100}$

C.  $\frac{3}{10}$

D.  $\frac{300}{100}$

3.  $\frac{2}{10} + \frac{3}{100} = \frac{\quad}{100}$

A. 23

B. 5

C. 32

D. 50

4. Which type of graph is suitable for the following table ?

Subject	Math	English	Arabic	Science	Art
Hany	20	19	15	18	17
Mona	17	20	19	20	15

A. Double bar graph.

B. Line plot.

C. Bar graph.

5. An obtuse angle is \_\_\_\_\_ a right angle.

A. less than

B. greater than

C. equal

D. half

6. All the right triangles has \_\_\_\_\_ acute angles.

A. 0

B. 1

C. 2

D. 3

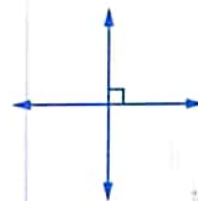
7. The opposite two lines are \_\_\_\_\_

A. perpendicular.

B. parallel.

C. intersecting and not perpendicular.

D. not intersecting.



## 2. Complete.

1.  $3.2 = 3 + \frac{\quad}{10}$

2.  $3\frac{1}{5} = \frac{\quad}{\quad}$  [as an improper fraction]

3.  $\frac{8}{10} = \frac{4}{\quad}$

4.  $7\frac{7}{9} - 4\frac{4}{9} = \frac{\quad}{\quad}$

5. The rectangle has \_\_\_\_\_ right angles.

6. 7 Ones ,4 Hundredths and 2 Tenths = \_\_\_\_\_
7. 3.4 = \_\_\_\_\_ [as an improper fraction]
8. 2.02 = \_\_\_\_\_ [as a mixed number]

**3. Choose the correct answer.**

1. Which of the following can be represented by a line plot ?
 

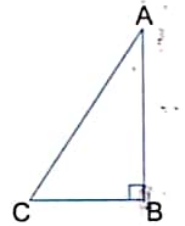
A. Our favorite movie.	B. Our heights.
C. Our favorite animal.	D. Our favorite food.
2. The fraction which represents letter E on the following number line is \_\_\_\_\_



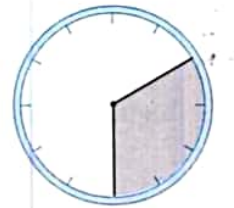
- |                  |                  |                  |                  |
|------------------|------------------|------------------|------------------|
| A. $\frac{5}{7}$ | B. $\frac{5}{8}$ | C. $\frac{5}{6}$ | D. $\frac{5}{5}$ |
|------------------|------------------|------------------|------------------|
3.  $3 + 0.2 + 0.01 =$  \_\_\_\_\_
 

A. 0.321	B. 12.3	C. 3.12	D. 3.21
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  4. Which is the best description of  $\angle ACB$  ?
 

A. a right angle	B. a straight angle
C. an acute angle	D. an obtuse angle



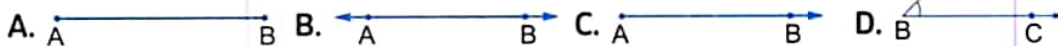
5. The angle which represents the colored part equals \_\_\_\_\_



- |               |                |
|---------------|----------------|
| A. $90^\circ$ | B. $120^\circ$ |
| C. $60^\circ$ | D. $180^\circ$ |
6. \_\_\_\_\_ is an acute angle.
 

A. $70^\circ$	B. $90^\circ$	C. $120^\circ$	D. $179^\circ$
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7. Which shape shows a ray ?




**4. Answer the following questions.**

1. There are 10 beanbags, four of them are blue. What part of the group of beanbags are blue ? [Write fraction and decimal]

2. Draw a circle around the numbers that equals to 6 ones and 42 hundredths.

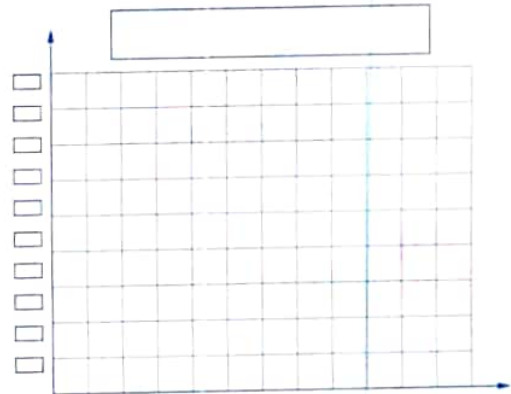
60.42 , 6.42 ,  $6 + 0.40 + 0.02$  , 4.26 , 42.6

3. Complete the table.

Model	Fraction	Unit fraction	Equation to form the fraction
a. 	_____	_____	_____
b.	$\frac{5}{6}$	_____	_____

4. The following data shows the internet usage for four friends. The data are given to the nearest  $\frac{1}{4}$  of hour. Use the following table to complete the bar graph , then answer the questions.

Name	Samer	Amira	Islam	Enas
Number of hours	$\frac{3}{4}$	$2\frac{1}{4}$	$1\frac{1}{2}$	2



- Who used the internet the most time ?
- Who used the internet the least time ?
- What is the difference between Enas and Samer ?

## Model

## 4

1. Choose the correct answer.

1.  $2\frac{7}{10} =$  \_\_\_\_\_ (as a decimal)

A. 0.27

B. 2.7

C. 0.027

D. 7.2

2. Which of the following angles is an obtuse angle ?

A.  $70^\circ$

B.  $90^\circ$

C.  $50^\circ$

D.  $120^\circ$

3. which of the following is an improper fraction ?

A.  $3\frac{1}{5}$

B.  $\frac{4}{9}$

C.  $\frac{1}{6}$

D.  $\frac{4}{3}$

4.  $0.7 =$  \_\_\_\_\_

A.  $\frac{10}{7}$

B.  $\frac{100}{7}$

C.  $\frac{7}{100}$

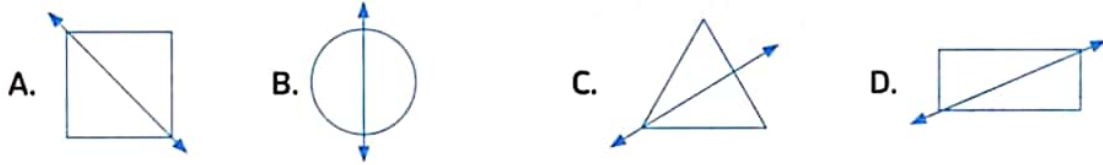
D.  $\frac{7}{10}$



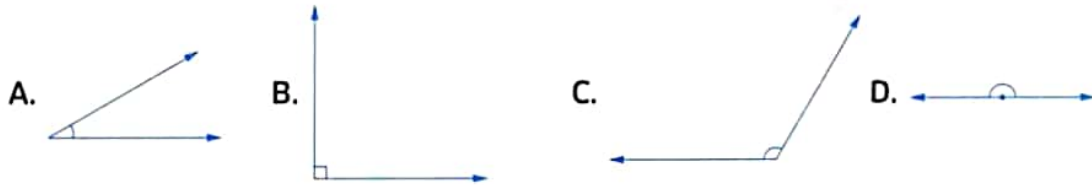




3. All the following figures show a line of symmetry except



4. Which figure shows an acute angle?



5. All the equilateral triangles has \_\_\_\_\_ equal sides.

- A. 0                      B. 1                      C. 2                      D. 3

6. A trapezium has \_\_\_\_\_

- A. 4 equal sides.                      B. 4 right angles.  
C. 1 pair of parallel sides.                      D. 2 pairs of parallel sides.

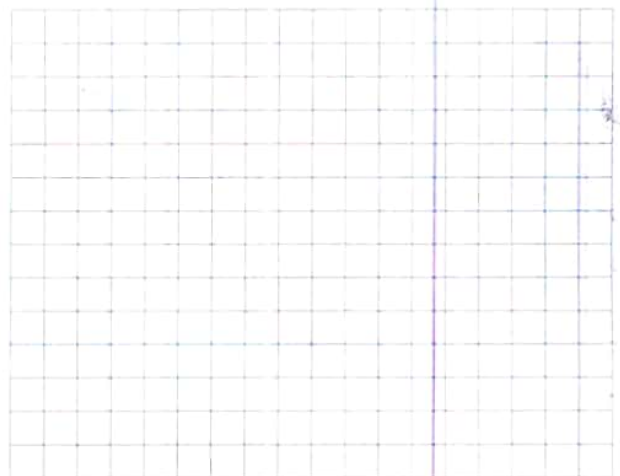
7. Which of the following fractions is less than 1?

- A.  $\frac{7}{4}$                       B.  $\frac{4}{7}$                       C.  $\frac{7}{7}$                       D.  $1\frac{3}{7}$

4. Answer the following questions.

- Draw  $\angle ABC$  with measure  $80^\circ$
- Find the perimeter of a square of side length  $1\frac{1}{4}$  m.
- Giovanni ate 0.7 of his food, his brother Mathew ate  $\frac{9}{10}$  of his food, if they have the same amount of food. Who ate more?
- The following data shows the walking distances to the nearest  $\frac{1}{4}$  kilometer of four friends in two different days.

Name \ Day	Nada	Nader	Hady	Sally
First day	$1\frac{1}{2}$	$\frac{3}{4}$	$2\frac{3}{4}$	2
Second day	$1\frac{3}{4}$	1	$1\frac{1}{4}$	$2\frac{1}{2}$



Represent this data by using a double bar graph, then answer the following questions.

- Who walked the longest distance in first day?
- Who walked the shortest distance in second day?

1. Choose the correct answer.

1.  $3\frac{7}{10}$  is equivalent to \_\_\_\_\_  
 A. 0.37                      B. 3.07                      C. 3.70                      D. 37
2.  $\frac{6}{16} =$  \_\_\_\_\_  
 A.  $\frac{2}{4}$                       B.  $\frac{12}{30}$                       C.  $\frac{6}{6}$                       D.  $\frac{3}{8}$
3. Which of the following fractions is the greatest?  
 A.  $\frac{2}{7}$                       B.  $\frac{3}{7}$                       C.  $\frac{5}{7}$                       D.  $\frac{7}{7}$
4. In the number 325.41, which digit is in the Hundredth place?  
 A. 1                      B. 2                      C. 3                      D. 4
5. The scalene triangle has \_\_\_\_\_ equal sides.  
 A. 0                      B. 1                      C. 2                      D. 3

6. Which type of graphs is suitable for this data?

Name	Ahmed	Nora	Sally	Ola
Age	13	17	15	10

- A. double bar graph.
- B. line plot.
- C. bar graph.

7. The opposite figure is named as \_\_\_\_\_

- A.  $\overleftrightarrow{AB}$                       B.  $\overleftrightarrow{AC}$                       C.  $\overleftrightarrow{AC}$                       D.  $\overleftrightarrow{AC}$



2. Complete.

1.  $2\frac{3}{10} + 4\frac{5}{100} =$  \_\_\_\_\_ [as a mixed number]

2.  $5 = \frac{\quad}{10}$

3. 0.75 is equivalent to \_\_\_\_\_ [as a fraction]

4.  $4\frac{5}{6} +$  \_\_\_\_\_  $= 6\frac{5}{6}$

5. The two lines  are \_\_\_\_\_

6. An \_\_\_\_\_ angle is greater than a right angle and smaller than a straight angle.

7. The opposite figure is \_\_\_\_\_ triangle according to its sides.



8. The angle which its measure equal  $90^\circ$  is \_\_\_\_\_ angle.

## 3. Choose the correct answer:

1. A fraction in which the numerator is greater than or equal the denominator is called \_\_\_\_\_

- A. a proper fraction.                      B. a mixed number.  
C. an unit fraction.                      D. an improper fraction.

2.  $2\frac{4}{7} + 1\frac{1}{7} =$  \_\_\_\_\_

- A.  $3\frac{6}{7}$                       B.  $1\frac{5}{7}$                       C.  $3\frac{5}{7}$                       D.  $1\frac{3}{7}$

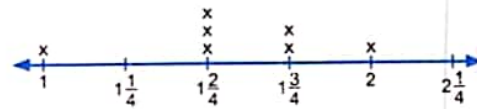
3. Which choice shows the fractions in a descending order?

- A.  $\frac{3}{10}, \frac{3}{9}, \frac{3}{7}, \frac{3}{5}, \frac{3}{3}$                       B.  $\frac{3}{5}, \frac{3}{7}, \frac{3}{9}, \frac{3}{10}, \frac{3}{3}$   
C.  $\frac{3}{3}, \frac{3}{5}, \frac{3}{7}, \frac{3}{9}, \frac{3}{10}$                       D.  $\frac{3}{3}, \frac{3}{10}, \frac{3}{9}, \frac{3}{7}, \frac{3}{5}$

4. The place value of the digit 3 in the number 2.53 is \_\_\_\_\_

- A. Ones.                      B. Tens.                      C. Tenths.                      D. Hundredths.

5. The most occurred number in the opposite line plot is \_\_\_\_\_

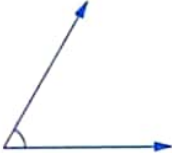

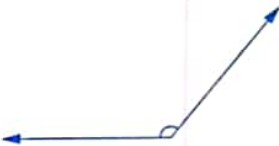
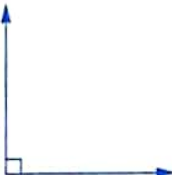


- A.  $2\frac{1}{4}$                       B. 2                      C.  $1\frac{3}{4}$                       D.  $1\frac{2}{4}$

6. The fraction which represents  +  is \_\_\_\_\_

- A.  $\frac{3}{4}$                       B.  $\frac{5}{4}$                       C.  $\frac{6}{4}$                       D.  $\frac{7}{4}$

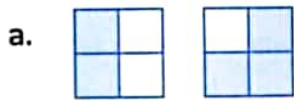
7. Which of the following is an obtuse angle?

- A.                       B.   
C.                       D. 

## 4. Answer the following questions.

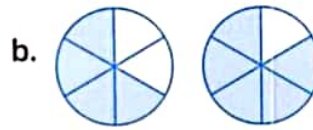
1. There are 15 birds on a tree  $\frac{3}{5}$  of them flew away. What is the number of birds that flew away?

2. Write the following fractions in the form of improper fraction and mixed number.



Improper is \_\_\_\_\_

Mixed is \_\_\_\_\_



Improper is \_\_\_\_\_

Mixed is \_\_\_\_\_

3. Find the result of each of the following.

a.  $3\frac{2}{5} + 1\frac{4}{5} =$  \_\_\_\_\_

b.  $3\frac{4}{7} - 1\frac{3}{7} =$  \_\_\_\_\_

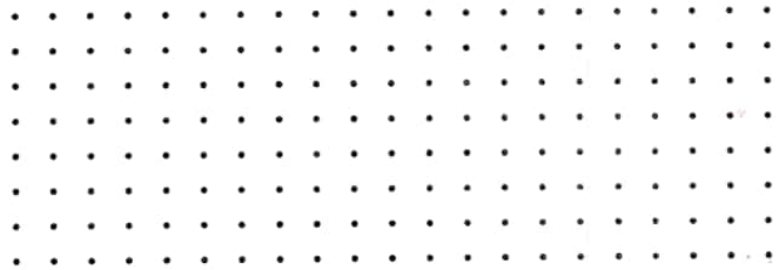
c.  $4 \times \frac{1}{9} =$  \_\_\_\_\_

d.  $\frac{1}{3} + \frac{1}{3} + \frac{1}{3} + \frac{1}{3} + \frac{1}{3} =$  \_\_\_\_\_

4. Use your ruler to connect the dots to draw.

a. A right angle.

b. A rectangle.



**Model**

**6**

1. Choose the correct answer.

1. In the number 21.45, which digit is in the Tenths place?

A. 2

B. 1

C. 4

D. 5

2.  $\frac{21}{5} =$  \_\_\_\_\_ [as a mixed number]

A.  $5\frac{1}{4}$

B.  $4\frac{1}{5}$

C.  $2\frac{1}{5}$

D.  $\frac{5}{21}$

3. Which of the following is not equivalent to  $1\frac{10}{100}$ ?

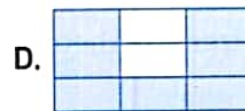
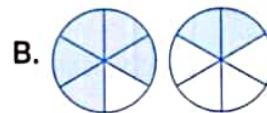
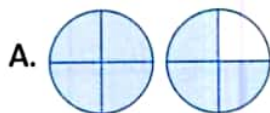
A. 1.1

B. 1.10

C. 1.01

D.  $1\frac{1}{10}$

4. The correct model which represents the improper fraction  $\frac{7}{6}$  is \_\_\_\_\_



5. Which of the following sentences is wrong ?

A.  $\frac{1}{3} > \frac{1}{4}$

B.  $\frac{1}{4} > \frac{1}{5}$

C.  $\frac{1}{5} < \frac{1}{6}$

D.  $\frac{1}{8} < \frac{1}{7}$

6. Which of the following can not be represented by a line plot ?

A. The number of family members.

B. Distance between home and school.

C. Our shoe sizes.

D. Our favorite activity in our spare time.

7. The rhombus has \_\_\_\_\_ equal sides.

A. 0

B. 1

C. 2

D. 4

2. Complete.

1.  $\frac{3}{10} + \frac{5}{100} =$  \_\_\_\_\_

2. If  $\frac{X}{4} = \frac{2}{8}$ , then X = \_\_\_\_\_

3. The expanded form of two and fifty hundredths is \_\_\_\_\_

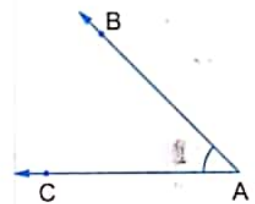
4.  $\frac{9}{9} = 1$

5. 7.9 = \_\_\_\_\_ tenths.

6.  $\frac{2}{5} \times \frac{3}{3} =$  \_\_\_\_\_

7. The name of the opposite angle is  $\angle$  \_\_\_\_\_

8. The two lines  are \_\_\_\_\_



3. Choose the correct answer.

1. The opposite triangle is \_\_\_\_\_ triangle.

A. an acute

B. an obtuse

C. a right

D. a straight

2. The \_\_\_\_\_ has 4 right angles and 4 equal sides.

A. triangle

B. parallelogram

C. rectangle

D. square

3. All the acute triangles have \_\_\_\_\_ acute angles.

A. 0

B. 1

C. 2

D. 3

4. How many obtuse angles are there in the opposite figure ?

A. 1

B. 2

C. 3

D. 4





5. Which of the following angles is not an acute angle ?  
 A.  $70^\circ$                       B.  $50^\circ$                       C.  $95^\circ$                       D.  $30^\circ$
6.  $7 \times \frac{1}{11} =$  \_\_\_\_\_  
 A.  $7\frac{1}{11}$                       B.  $\frac{7}{11}$                       C.  $\frac{71}{11}$                       D.  $\frac{72}{10}$
7.  $\frac{5}{7} = \frac{1}{7} + \frac{2}{7} +$  \_\_\_\_\_  
 A.  $\frac{1}{7}$                       B.  $\frac{2}{7}$                       C.  $\frac{3}{7}$                       D.  $\frac{4}{7}$

4. Answer the following questions.

1. Write the required forms for the decimal number 3.27

- a. Word form : \_\_\_\_\_
- b. Unit form : \_\_\_\_\_
- c. Expanded form : \_\_\_\_\_

2. Draw an angle with measure  $115^\circ$

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

3. Arrange each of the following from least to greatest.

a.  $\frac{5}{10}, \frac{1}{6}, \frac{8}{9}$

b.  $\frac{11}{12}, \frac{1}{9}, \frac{2}{4}$

\_\_\_\_\_

\_\_\_\_\_

4. Use the following data to make a line plot , then answer the questions.

11 kg ,  $12\frac{1}{4}$  kg ,  $11\frac{3}{4}$  kg ,  $11\frac{1}{2}$  kg , 12 kg ,  $11\frac{1}{2}$  kg ,  $11\frac{1}{4}$  kg ,  $11\frac{1}{4}$  kg ,  $11\frac{1}{2}$  kg , 12 kg



- a. What is the most common record ?
- b. What is the least common record ?

## Model

7

## 1. Choose the correct answer.

1.  $\frac{2}{5} \times \frac{3}{3} =$  \_\_\_\_\_

A.  $\frac{5}{8}$

B.  $\frac{6}{5}$

C.  $\frac{2}{15}$

D.  $\frac{2}{5}$

2.  $3 - 1\frac{3}{5} =$  \_\_\_\_\_

A.  $2\frac{3}{5}$

B.  $1\frac{2}{5}$

C.  $2\frac{1}{5}$

D.  $4\frac{3}{5}$

3. The decimal which represents the opposite shape is \_\_\_\_\_

A. 0.04

B. 0.40

C. 0.6

D. 0.60



4.  $\frac{5}{7}$  ○  $\frac{1}{2}$

A. &gt;

B. =

C. &lt;

5. \_\_\_\_\_ angle is less than a right angle.

A. An acute

B. A right

C. An obtuse

D. A straight

6.  $\frac{5}{3} =$  \_\_\_\_\_

A.  $1\frac{3}{5}$

B.  $1\frac{2}{5}$

C.  $2\frac{1}{3}$

D.  $1\frac{2}{3}$

7. The number which is the most repeated

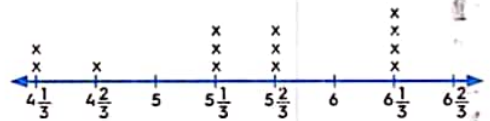
is \_\_\_\_\_

A.  $4\frac{1}{3}$

B.  $5\frac{1}{3}$

C.  $5\frac{2}{3}$

D.  $6\frac{1}{3}$



## 2. Complete.

1. The unit form of 4.52 is \_\_\_\_\_


2.  $5.2 =$  \_\_\_\_\_ hundredths.

3.  $\frac{5}{15} = \frac{15}{\quad}$

4. There are \_\_\_\_\_ unit fractions that form seven tenths.

5. The opposite figure shows \_\_\_\_\_ angle.

6.  $3\frac{7}{10}$  is equivalent to \_\_\_\_\_ [as a decimal]

7. The model  represents \_\_\_\_\_ [as a fraction]
8. The place value of the digits 5 in the number 37.56 is \_\_\_\_\_

**3. Choose the correct answer.**


1. Which of the following can be represented by a double bar graph ?
- A. Sleeping hours every night.
  - B. Favorite food.
  - C. Maximum and minimum temperatures in different cities.
  - D. Length of 5 things on your desk.

2.  $3 + 0.3 + 0.03 =$  \_\_\_\_\_

- A. 333                      B. 33.3                      C. 0.333                      D. 3.33

3.  $4 \times \frac{1}{7} =$  \_\_\_\_\_

- A.  $\frac{41}{7}$                       B.  $4\frac{1}{7}$                       C.  $\frac{1}{7} + \frac{1}{7} + \frac{1}{7} + \frac{1}{7}$                       D.  $1\frac{4}{7}$

4. The two lines  are \_\_\_\_\_

- A. parallel
- B. perpendicular
- C. intersecting
- D. intersecting and not perpendicular.

5. The opposite triangle is \_\_\_\_\_ triangle.

- A. a right
- B. an acute
- C. an obtuse
- D. an equilateral



6. The rectangle has \_\_\_\_\_

- A. 4 equal sides.
- B. 4 parallel sides.
- C. 4 right angles.
- D. 2 obtuse angles and 2 acute angles.

7. The angle which its measure equals  $170^\circ$  is \_\_\_\_\_ angle.

- A. an acute
- B. an obtuse
- C. a right
- D. a straight

**4. Answer the following questions.**

1. Samir painted  $\frac{5}{11}$  of the wall with blue. What is the remainder of the wall to be painted ?
2. Draw  $\angle ABC$  with measure  $55^\circ$

3. Find.

a.  $2 + 1\frac{1}{7} + 3\frac{3}{7}$

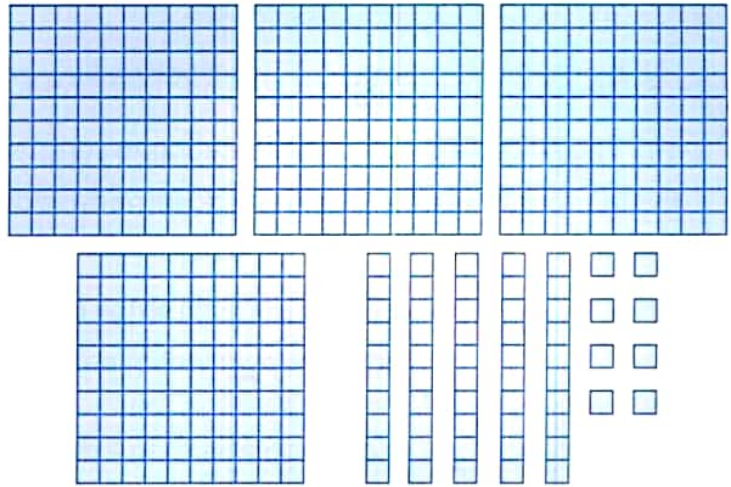
b.  $9\frac{7}{11} - 3\frac{5}{11}$

4. a. Standard form : \_\_\_\_\_

b. Word form : \_\_\_\_\_

c. Unit form : \_\_\_\_\_

d. Expanded form : \_\_\_\_\_

**Model****8**

1. Choose the correct answer.

- The expanded form for the number 2.35 is \_\_\_\_\_  
 A.  $2 + 0.5 + 0.03$     B.  $2 + 0.3 + 0.05$     C.  $3 + 0.5 + 0.02$     D.  $5 + 0.2 + 0.03$
- The standard form for the number : 3 Ones , 5 Tenths and 7 Hundredths is \_\_\_\_\_  
 A. 3.57    B. 3.75    C. 7.53    D. 5.37
- 0.4 is equivalent to \_\_\_\_\_  
 A.  $\frac{4}{100}$     B.  $\frac{1}{4}$     C.  $\frac{10}{4}$     D.  $\frac{40}{100}$
- 71 Hundredths equals \_\_\_\_\_  
 A.  $\frac{7}{100}$     B. 0.29    C. 0.71    D.  $\frac{17}{100}$
- $\frac{1}{10} + \frac{11}{100} =$  \_\_\_\_\_  
 A. 0.12    B. 0.21    C. 2.1    D. 1.2
- The right triangle has \_\_\_\_\_ right angle.  
 A. 0    B. 1    C. 2    D. 3
- The opposite figure is named as \_\_\_\_\_  
 A.  $\overline{XY}$     B.  $\overrightarrow{XY}$   
 C.  $\overline{AB}$     D.  $\overrightarrow{XY}$



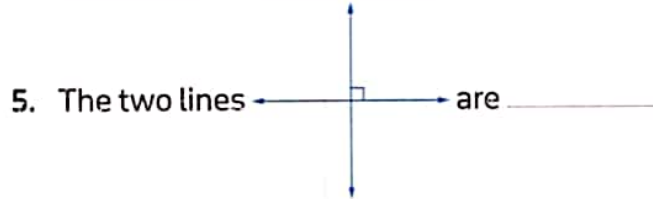
2. Complete.

1.  $1 + 1\frac{1}{6} = \underline{\hspace{2cm}}$

2.  $\frac{5}{8} = \frac{\underline{\hspace{1cm}}}{16}$

3. The value of the digit 6 in the number 2.65 is  $\underline{\hspace{2cm}}$

4. The suitable graph representation to compare the maximum and minimum temperature between many governorates during a week is  $\underline{\hspace{2cm}}$



6. An  $\underline{\hspace{2cm}}$  angle is greater than a right angle and smaller than a straight angle.

7. The  $\underline{\hspace{2cm}}$  triangle has no equal sides.

8. The  $\underline{\hspace{2cm}}$  has 4 equal sides and 4 right angles.

3. Choose the correct answer.

1. To compare between rainfall in the deserts of Africa in the two years 2020 , 2022 we use:  $\underline{\hspace{2cm}}$

A. picture representation

B. bar graph

C. Line plot graph

D. double par graph

2.  $\frac{7}{12}$  is closer to the benchmark fraction  $\underline{\hspace{2cm}}$

A. 1

B.  $\frac{1}{2}$

C.  $\frac{1}{4}$

D. 0

3. The order of the fractions  $\frac{5}{10}$  ,  $\frac{3}{12}$  and  $\frac{10}{15}$  from the greatest to the smallest is  $\underline{\hspace{2cm}}$

A.  $\frac{10}{15}$  ,  $\frac{5}{10}$  ,  $\frac{3}{12}$

B.  $\frac{3}{12}$  ,  $\frac{5}{10}$  ,  $\frac{10}{15}$

C.  $\frac{10}{15}$  ,  $\frac{5}{10}$  ,  $\frac{3}{12}$

D.  $\frac{10}{15}$  ,  $\frac{3}{12}$  ,  $\frac{5}{10}$

4. Which fraction is not equivalent to  $\frac{3}{9}$  ?

A.  $\frac{6}{12}$

B.  $\frac{5}{15}$

C.  $\frac{2}{6}$

D.  $\frac{1}{3}$

5. The name of  is  $\underline{\hspace{2cm}}$

A. a line segment. B. a ray.

C. a straight line.

D. an angle.

6. How many obtuse angles are there in the opposite figure ?

A. 3

B. 4

C. 5

D. 6





7. The equilateral triangle has \_\_\_\_\_ equal sides.

A. 0

B. 1

C. 2

D. 3

4. Answer the following questions.

1. Hosam walked  $\frac{5}{10}$  kilometer, then he walked another  $\frac{21}{100}$  kilometer. How long did Hosam walk altogether?

2. If Manar's bottle contains  $\frac{6}{10}$  litre of oil while Hana's bottle contains 0.75 litre. Which bottle contains more oil?

3. The following data shows the lengths of some coloring pencils with Ramy. Represent this data using a line plot, then answer the following questions.

$4\frac{1}{4}$ ,  $4\frac{2}{4}$ ,  $4\frac{3}{4}$ ,  $4\frac{1}{4}$ ,  $4\frac{3}{4}$ ,  $4\frac{3}{4}$ , 4, 5

,  $4\frac{2}{4}$ ,  $4\frac{1}{4}$ ,  $4\frac{3}{4}$ , 5



a. How many pencils whose lengths are more than  $4\frac{2}{4}$  cm?

Key Each X represents \_\_\_\_\_ pencil

b. What is the greatest length of the pencils?

c. What is the smallest length of the pencils?

4. Draw an angle with measure  $120^\circ$

**Model**

**9**

1. Choose the correct answer.

1.  $\frac{5}{9} + \frac{4}{9} =$  \_\_\_\_\_

A.  $\frac{1}{9}$ B.  $\frac{9}{18}$ 

C. 1

D.  $\frac{20}{81}$ 

2.  $\frac{1}{4} < \frac{1}{\quad}$

A. 8

B. 7

C. 5

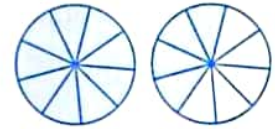
D. 3

3.  $\frac{20}{7} =$  \_\_\_\_\_ [as a mixed number]

A.  $3\frac{1}{7}$ B.  $2\frac{6}{7}$ C.  $2\frac{1}{7}$ D.  $1\frac{6}{7}$

4. The fraction which represents the shaded parts in the opposite model is \_\_\_\_\_

- A.  $\frac{4}{9}$                       B.  $\frac{5}{9}$   
 C.  $\frac{13}{9}$                       D.  $\frac{13}{18}$



5. Which of the following represents a unit fraction? \_\_\_\_\_

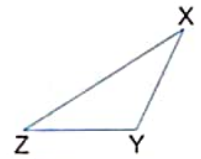
- A.  $\frac{7}{4}$                       B.  $\frac{7}{7}$                       C.  $\frac{4}{7}$                       D.  $\frac{1}{7}$

6. \_\_\_\_\_ is an acute angle.

- A.  $125^\circ$                       B.  $90^\circ$                       C.  $70^\circ$                       D.  $180^\circ$

7. Which is an obtuse angle in the opposite figure? \_\_\_\_\_

- A.  $\angle YXZ$                       B.  $\angle XZY$   
 C.  $\angle YZX$                       D.  $\angle XYZ$



2. Complete.

1.  $\frac{2}{10} + \frac{24}{100} + \frac{5}{10} =$  \_\_\_\_\_

2.  $\frac{46}{100} + \frac{3}{10} =$  \_\_\_\_\_ [as a decimal]

3.  $\frac{17}{3} =$  \_\_\_\_\_ [as a mixed number]

4.  $\frac{5}{8} \times \frac{\quad}{3} = \frac{5}{8}$

5. The unit form for the number 8.5 is \_\_\_\_\_

6. The place value of the digit 5 in the decimal number 12.15 is \_\_\_\_\_

7.  $\frac{1}{4}$  of a circle measured \_\_\_\_\_  $^\circ$

8. The rectangle has \_\_\_\_\_ right angles.

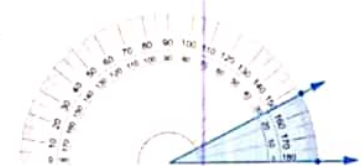
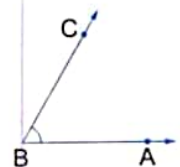
3. Choose the correct answer.

1. The name of the opposite angle is \_\_\_\_\_

- A.  $\angle ACB$                       B.  $\angle CAB$   
 C.  $\angle BAC$                       D.  $\angle ABC$

2. The opposite figure shows an angle with measure \_\_\_\_\_

- A.  $25^\circ$                       B.  $27^\circ$   
 C.  $153^\circ$                       D.  $155^\circ$



3. Which relation is correct ?

A.  $\frac{7}{12} > \frac{7}{9}$

B.  $\frac{7}{8} < \frac{7}{10}$

C.  $\frac{7}{13} < \frac{7}{11}$

D.  $\frac{7}{15} > \frac{7}{9}$

4. The opposite figure is named as \_\_\_\_\_

A.  $\overleftrightarrow{CD}$

B.  $\overline{CD}$

C.  $\overline{DC}$

D.  $\overleftrightarrow{DC}$



5. Which figure shows an acute angle ?



6. Which fraction is equivalent to 0.7 ?

A.  $\frac{7}{10}$

B.  $\frac{7}{100}$

C.  $\frac{70}{10}$

D.  $\frac{700}{100}$

7. The digit 4 in the number 13.47 is in \_\_\_\_\_ place.

A. Ones

B. Tens

C. Tenth

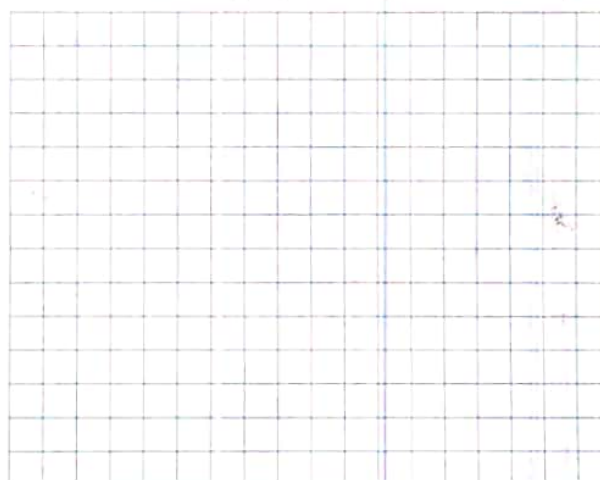
D. Hundredth

4. Answer the following questions.

1. Adam drinks 0.6 liter of juice. Omar drinks  $\frac{4}{10}$  liter of juice. Who does drink more ?

2. Scores obtained by the four friends Youssef, Sameh, Noha and Ola in the pre-test and test are given below. Represent these data by a double bar graph.

Students Score		
Name of students	Pre-test	Test
Youssef	60	70
Sameh	75	90
Noha	55	55
Ola	80	95



Then , answer the following questions :

a. Who has the greatest score in the pre-test ?

b. What is the smallest score in the test ?

c. Who has the same score in the pre-test and the test ?

3. Find.

a.  $3\frac{2}{5} + 2\frac{1}{5}$

b.  $6\frac{8}{9} - 4\frac{6}{9}$

c.  $7 \times \frac{1}{9}$

d.  $1 - \frac{3}{7} - \frac{4}{7}$

4. Draw  $\angle XYZ$  with measure  $90^\circ$

**Model**

**10**

1. Choose the correct answer.

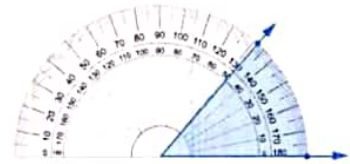
1. The opposite figure shows an angle with measure \_\_\_\_\_

A.  $48^\circ$

B.  $50^\circ$

C.  $130^\circ$

D.  $132^\circ$



2.  $2\frac{1}{8}$  is equivalent to: \_\_\_\_\_

A.  $\frac{4}{8} - \frac{2}{8}$

B.  $\frac{4}{8} + \frac{2}{8}$

C.  $\frac{17}{8}$

D.  $\frac{11}{8}$

3. Which number fits in the blank  $\square$ ?  $\frac{2}{3} = \frac{18}{\square}$

A. 6

B. 9

C. 19

D. 27

4.  $\frac{32}{100} + \frac{2}{10} =$  \_\_\_\_\_ [as a decimal form]

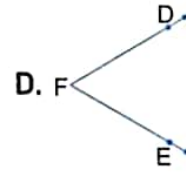
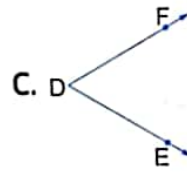
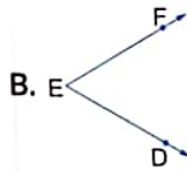
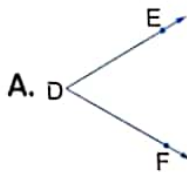
A. 0.32

B. 0.34

C. 0.52

D. 5.2

5. Which angle is named as angle DEF?



6.  $\frac{2}{7} + \frac{3}{7}$   $\bigcirc$   $\frac{6}{7} - \frac{1}{7}$

A.  $>$

B.  $=$

C.  $<$

7. The numerator of the fraction  $\frac{5}{9}$  is \_\_\_\_\_

A. 9

B. 4

C. 5

D. 14

2. Complete.

1.  $5\frac{5}{6} + 2\frac{1}{6} =$  \_\_\_\_\_

2.  $\frac{5}{10} - \frac{2}{10} =$  \_\_\_\_\_

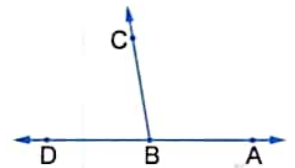
3. The place value of the digit 3 in the number 5.34 is \_\_\_\_\_
4. The opposite two lines are \_\_\_\_\_
5. The decimal 3.03 is read as \_\_\_\_\_
6. An \_\_\_\_\_ angle is less than a right angle.
7. 5 tens , 5 tenths = \_\_\_\_\_ [in standard form]
8.  $\frac{71}{100} =$  \_\_\_\_\_ [as a decimal]



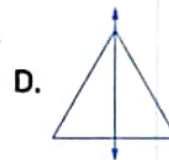
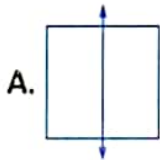
### 3. Choose the correct answer.

1. Which is the best description of  $\angle ABC$  ?

- A. Right angle.    B. Straight angle.  
C. Acute angle.    D. Obtuse angle.



2. All the following figures show a line of symmetry except \_\_\_\_\_



3. The value of the digit 4 in the number 7.34 is \_\_\_\_\_

- A. 4                      B.  $\frac{4}{10}$                       C.  $\frac{4}{100}$                       D.  $\frac{40}{10}$

4. The equilateral triangle has \_\_\_\_\_ equal sides.

- A. 0                      B. 1                      C. 2                      D. 3

5. \_\_\_\_\_  $\times \frac{7}{7} = \frac{1}{5}$

- A.  $\frac{1}{7}$                       B.  $\frac{1}{5}$                       C.  $\frac{5}{7}$                       D.  $\frac{5}{5}$

6.  $\frac{3}{7} = \frac{1}{7} + \frac{1}{7} +$  \_\_\_\_\_

- A.  $\frac{5}{7}$                       B.  $\frac{2}{7}$                       C.  $\frac{1}{7}$                       D.  $\frac{6}{7}$

7.  $\frac{50}{100} = \frac{\quad}{10}$

- A. 100                      B. 10                      C. 50                      D. 5

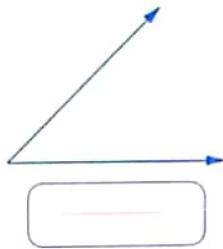
### 4. Answer the following questions.

1. Samira cut a cake into 8 equal parts and ate one part of them. What is the fraction that represents the remaining parts ?

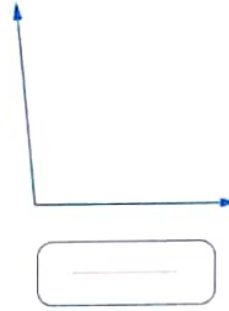


2. Use your protractor to measure each of the following. (you can extend the length of the rays to make it easier to measure)

a.



b.



3. Write the required forms for the decimal number  $2 + 0.5 + 0.01$

a. Standard form : \_\_\_\_\_

b. Unit form : \_\_\_\_\_

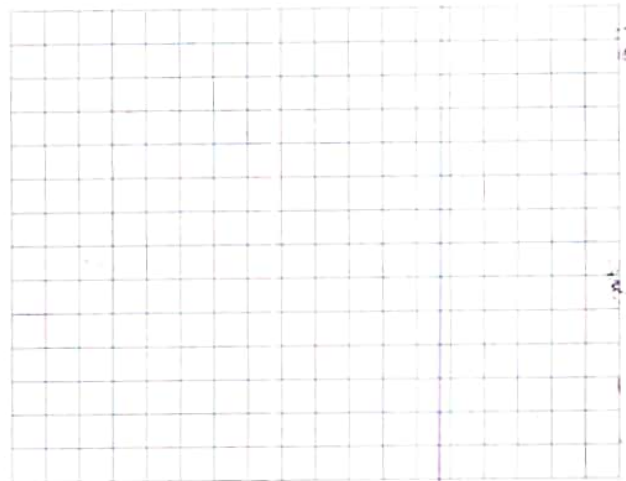
c. Word form : \_\_\_\_\_

4. Omar and Malek conducted an experiment. They wanted to see how far their friends could roll a heavy ball. They drew a starting line in the dirt and asked six friends to roll a 10 kilograms ball as far as they could from the starting line. They measured the distance in meters to the nearest  $\frac{1}{4}$  meter and record their data in a table.

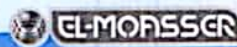
Student	Rana	Salah	Tahani	Ziad	Farouk	Walid
Distance for 10 kg Ball [in m]	$\frac{3}{4}$ m	$1\frac{1}{2}$ m	$1\frac{1}{4}$ m	$2\frac{1}{4}$ m	$1\frac{3}{4}$ m	$2\frac{1}{2}$ m

Create a bar graph that shows Omar and Malek's data. Remember to include all the elements of a bar graph, then answer the following questions :

- Who has the greatest distance after rolling the ball ?
- What is the difference between the greatest and smallest distances of rolling the ball ?



For the **next year** ask for



in

**Mathematics  
Connect**

**Science  
Connect Plus**

**5<sup>th</sup>  
Primary**

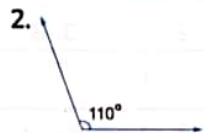
**Model 1**

1. 1. B      2. C      3. B  
4. C      5. A      6. D  
7. C

2. 1. 2.4      2. 4      3. ones  
4. acute      5. 3      6. 0.06  
7. 3.33      8.  $\frac{13}{6}$

3. 1. C      2. C      3. C  
4. B      5. C      6. D  
7. C

4. 1. a.  $1\frac{1}{5}$       b.  $3\frac{7}{7} = 4$   
c.  $2\frac{11}{100}$  or 2.11



3. The order is:  
 $\frac{2}{10}, \frac{2}{9}, \frac{2}{5}, \frac{2}{4}, \frac{2}{3}$

4. a.

Sport Pupils	Volleyball	Handball	Swimming	Football
	boys	4	10	8
girls	6	10	12	2

- b. 8      c. 6

**Model 2**

1. 1. C      2. B      3. B  
4. B      5. C      6. A  
7. D

2. 1. 23      2.  $\frac{6}{7}$       3.  $180^\circ$   
4. 5      5. 3.03      6.  $\frac{25}{100}$   
7. 4      8. scalene

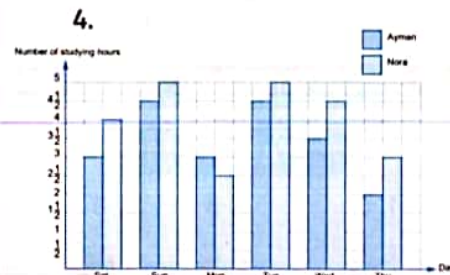
3. 1. C      2. A      3. D  
4. C      5. C      6. A  
7. A

4. 1. a.  $6\frac{2}{3}$       b.  $2\frac{1}{7}$

2.  $\frac{2}{3} = \frac{x}{18} \times 12$

So there are 12 red apples.

3. a. 2.19  
b. Two and nineteen hundredths



**Model 3**

1. 1. C      2. C      3. A  
4. A      5. B      6. C  
7. A

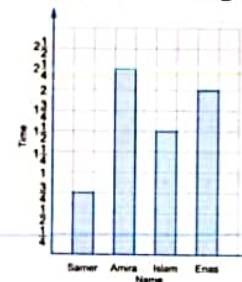
2. 1. 0.2      2.  $\frac{16}{5}$       3. 5  
4.  $3\frac{3}{9}$       5. 4      6. 7.24  
7.  $\frac{34}{10}$       8.  $2\frac{2}{100}$

3. 1. B      2. B      3. D  
4. C      5. B      6. A  
7. C

4. 1.  $\frac{4}{10}, 0.4$   
2. 6.42,  $6 + 0.40 + 0.02$   
3.

Model	Fraction	Unit fraction	Equation to form the fraction
a.	$\frac{2}{4}$	$\frac{1}{4}$	$\frac{1}{4} + \frac{1}{4}$
b.	$\frac{5}{6}$	$\frac{1}{6}$	$\frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6}$

The internet usage



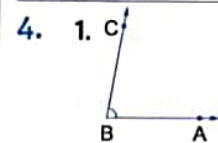
- a. Amira      b. Samer  
c.  $1\frac{1}{4}$  hour

**Model 4**

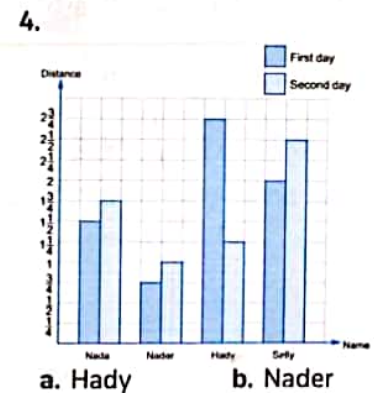
1. 1. B      2. D      3. D  
4. D      5. C      6. D  
7. B

2. 1. 6      2. 24      3. 5.05  
4. 0.03      5.  $\frac{7}{4}$       6.  $4\frac{1}{5}$   
7. 60, 0.5, 0.07      8. 8

3. 1. C      2. A      3. D  
4. A      5. D      6. C  
7. B



2. The perimeter =  
 $1\frac{1}{4} + 1\frac{1}{4} + 1\frac{1}{4} + 1\frac{1}{4} = 5\text{ m}$   
3.  $0.7 = \frac{7}{10}$   
 $\frac{7}{10} < \frac{9}{10}$   
So, Mathew ate more.



**Model 5**

1. 1. C      2. D      3. D  
4. A      5. A      6. C  
7. D

2. 1.  $6\frac{35}{100}$       2. 50      3.  $\frac{75}{100}$   
4. 2      5. parallel

6. obtuse      7. an isosceles  
8. a right

3. 1. D      2. C      3. C  
4. D      5. D      6. C  
7. C

4.  $\frac{3}{5} = \frac{?}{15}$  So, the number of birds that flew away is 9 birds.
- 

2. a.  $\frac{5}{4}, 1\frac{1}{4}$       b.  $\frac{9}{6}, 1\frac{3}{6}$

3. a.  $4\frac{6}{5} = 5\frac{1}{5}$       b.  $2\frac{1}{7}$

- c.  $\frac{4}{9}$       d.  $\frac{5}{3}$

4. a. b.

**Model 6**

1. 1. C      2. B      3. C  
4. B      5. C      6. D  
7. D

2. 1.  $\frac{35}{100}$       2. 1      3.  $2 + 0.5$   
4. 9      5. 79      6.  $\frac{2}{5}$

7. BAC or CAB or A  
8. perpendicular.

3. 1. B      2. D      3. D  
4. B      5. C      6. B  
7. B

4. 1. a. Three and twenty-seven hundredths.

- b. 3 Ones, 2 Tenths and 7 Hundredths.

- c.  $3 + 0.2 + 0.07$

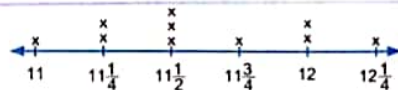
2.



3. a.  $\frac{1}{6}, \frac{5}{10}, \frac{8}{9}$

- b.  $\frac{1}{9}, \frac{2}{4}, \frac{11}{12}$

4.



- a.  $11\frac{1}{2}$

- b. 11,  $11\frac{3}{4}$  and  $12\frac{1}{4}$

**Model 7**

1. 1. D      2. B      3. B  
4. A      5. A      6. D  
7. D

2. 1. 4 Ones, 5 Tenths, 2 Hundredths

2. 520      3. 45

4. 7      5. an obtuse

6. 3.7      7.  $\frac{3}{8}$

8. Tenths

3. 1. C      2. D      3. C  
4. A      5. C      6. C  
7. B

4. 1. The remainder =  $1 - \frac{5}{11} = \frac{6}{11}$  of the wall.

2.



3. a.  $6\frac{4}{7}$       b.  $6\frac{2}{11}$

4. a. 4.58

- b. four and fifty-eight hundredths

- c. 4 Ones, 5 Tenths, 8 Hundredths

- d.  $4 + 0.5 + 0.08$

**Model 8**

1. 1. B      2. A      3. D  
4. C      5. B      6. B  
7. D

2. 1.  $2\frac{1}{6}$       2. 10      3. 0.6  
4. double bar graph.  
5. perpendicular      6. obtuse  
7. scalene      8. square

3. 1. D      2. B      3. C  
4. A      5. B      6. D  
7. D

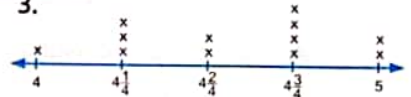
4. 1. Hosam walked =  $\frac{5}{10} + \frac{21}{100}$   
=  $\frac{71}{100}$  km

2. Manar's bottle  $\rightarrow \frac{6}{10} = \frac{60}{100}$  Litre

- Hana's bottle  $\rightarrow 0.75 = \frac{75}{100}$  Litre

So, Hana's bottle has more oil.

3.



**Key** Each X represents 1 pencil.

- a. 6 pencils      b. 5 cm.      c. 4 cm.

4.





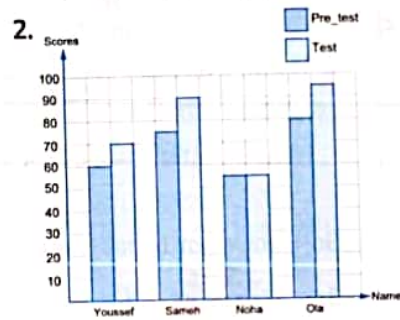
**Model 9**

1. 1. C      2. D      3. B  
4. C      5. D      6. C  
7. D

2. 1.  $\frac{94}{100}$       2. 0.76      3.  $5\frac{2}{3}$   
4. 3      5. 8 Ones, 5 Tenths  
6. Hundredths      7.  $90^\circ$   
8. 4

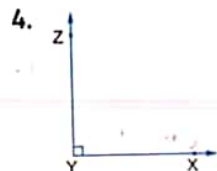
3. 1. D      2. B      3. C  
4. C      5. D      6. A  
7. C

4. 1. Adam drinks  $\rightarrow 0.6 = \frac{6}{10}$  Liter  
Omar drinks  $\rightarrow \frac{4}{10}$  Liter  
So, Adam drinks more.



- a. Ola      b. 55      c. Noha

3. a.  $5\frac{3}{5}$       b.  $2\frac{2}{9}$   
c.  $\frac{7}{9}$       d. zero



**Model 10**

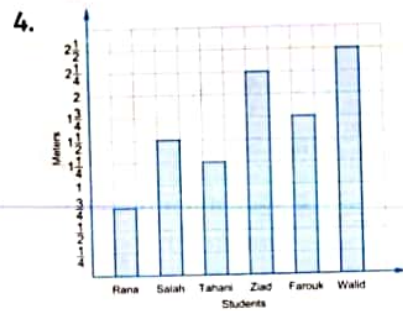
1. 1. A      2. C      3. D  
4. C      5. B      6. B  
7. C

2. 1.  $7\frac{6}{6} = 8$       2.  $\frac{3}{10}$       3. Tenths  
4. parallel  
5. three and three hundredths  
6. acute      7. 50.5      8. 0.71

3. 1. D      2. C      3. C  
4. D      5. B      6. C  
7. D

4. 1. The fraction  $= 1 - \frac{1}{8} = \frac{7}{8}$   
2. a.  $45^\circ$       b.  $95^\circ$   
3. a. 2.51

- b. 2 Ones, 5 Tenths, 1 Hundredth.  
c. Two and fifty-one hundredths.



- a. Walid      b.  $1\frac{3}{4}$  meter

**NOTES**




**First:** Choose the correct answer:

1  $3\frac{2}{5} = \dots\dots\dots$  (As improper fraction)  $(\frac{17}{5}$  or  $\frac{30}{5}$  or  $\frac{35}{2}$  or  $\frac{32}{5})$

2  $5 - 2\frac{1}{4} = \dots\dots\dots$   $(7\frac{1}{4}$  or  $3\frac{1}{4}$  or  $3\frac{3}{4}$  or  $2\frac{3}{4})$

3 The **value** of the digit 3 in 20.30 is  $\dots\dots\dots$   $(0.03$  or  $0.3$  or  $3$  or  $30)$

4  $\frac{3}{7} \dots\dots\dots \frac{3}{4}$   $(\leq$  or  $=$  or  $<$  or  $>)$

5 The opposite figure is called  $\dots\dots\dots$    $(\overrightarrow{KL}$  or  $\overrightarrow{LK}$  or  $\overleftrightarrow{LK}$  or  $\overline{LK})$

6 The measure of the acute angle is  $\dots\dots\dots$   
(more than  $90^\circ$  or  $180^\circ$  or less than  $90^\circ$  or  $90^\circ$ )

7 Two straight lines that never meet are called  $\dots\dots\dots$  straight lines.  
(intersecting or parallel or perpendicular or equal)

**Second:** Complete the following:

1  $50 + 0.8 + 0.03 = \dots\dots\dots$  2  $\frac{5}{7} + \dots\dots\dots = 1\frac{1}{7}$

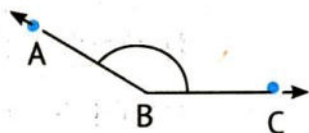
3  $\frac{15}{7} = \dots\dots\dots$  4  $\dots\dots\dots - 3\frac{3}{4} = 2\frac{1}{4}$

5 The type of angle whose measure is  $120^\circ$  is  $\dots\dots\dots$

6 A triangle whose side lengths are  $\dots\dots\dots$  cm, 5 cm, and 5 cm is called an equilateral triangle.

7 A polygon that has three sides is called  $\dots\dots\dots$

8 The measure of angle ABC is  $\dots\dots\dots$



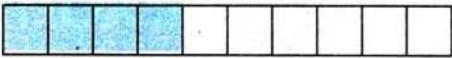
**Third:** Choose the correct answer:

1  $8\frac{5}{100} = \dots\dots\dots$   $(80.05$  or  $80.5$  or  $8.05$  or  $8.5)$

2 The fraction whose numerator is one-third its denominator in the following is  $\dots\dots\dots$   $(\frac{3}{6}$  or  $\frac{3}{4}$  or  $\frac{2}{6}$  or  $\frac{3}{1})$

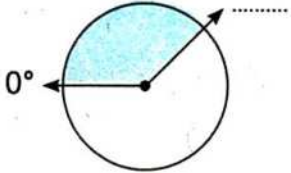


## Final Revision

- 3 The decimal that represents the corresponding model is .....  
 (4.6 or 6.4 or 0.4 or 0.6)
- 4 The number that represents the Hundredths in 25.34 is .....  
 (2 or 5 or 3 or 4)
- 5 The type of triangle that contains a right angle and two acute angles according to the type of its angles is a/an ..... triangle.  
 (right or acute or obtuse or equilateral)
- 6 The angle whose measure is ..... is called an obtuse angle.  
 ( $185^\circ$  or  $180^\circ$  or  $95^\circ$  or  $90^\circ$ )
- 7 The number of lines of symmetry of a rectangle is ..... (4 or 2 or 1 or 0)

### Fourth: Answer the following:

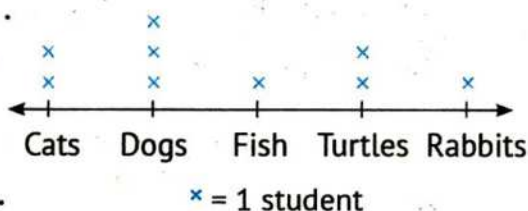
- 1 Hossam bought a book for  $4\frac{3}{6}$  pounds. If he had 8 pounds, how much money does he now?  
 .....

- 2 The measure of the following angle on the circle is about .....  

- 3 Using a protractor, draw an angle of  $85^\circ$ :

- 4 The following line plot graph shows the numbers of students who prefer to keep pets:

a How many students prefer to keep fish?  
 .....

b What kind of pets do the students like most?  
 .....



## Exam 2

**First:** Choose the correct answer:

1  $\frac{2}{4} + \frac{2}{4} + \frac{2}{4} = \dots\dots\dots$

( $\frac{6}{4}$  or  $\frac{2}{12}$  or  $\frac{1}{2}$  or  $\frac{6}{12}$ )

2 20.4  $\dots\dots$  2.04

( $\geq$  or  $<$  or  $=$  or  $>$ )

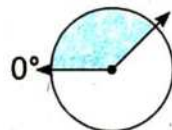
3 Three-eighths =  $\dots\dots\dots$

( $\frac{5}{3}$  or  $\frac{3}{5}$  or  $\frac{8}{3}$  or  $\frac{3}{8}$ )


4 Eighty-three and three hundredths =  $\dots\dots$  (30.83 or 83.03 or 83.3 or 3.83)

5 The opposite figure is called  $\dots\dots\dots$   (AB or  $\overline{AB}$  or  $\overrightarrow{BA}$  or  $\overleftarrow{BA}$ )

6 The shaded part of the opposite circle represents an angle of  $\dots\dots\dots^\circ$ .



(90 or 45 or 180 or 135)

7 The decimal that represents the shaded part in the opposite figure is  $\dots\dots\dots$   (6.0 or 0.16 or 0.6 or 0.06)

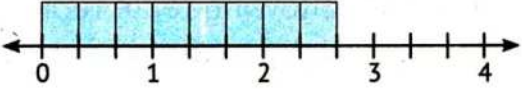
**Second:** Complete the following:

1  $\frac{3}{8} = \frac{9}{\dots\dots} = \frac{\dots\dots}{48}$

2 In the fraction  $\frac{3}{\dots\dots}$ , the numerator is half the denominator.

3  $\frac{3}{7} = \dots\dots + \dots\dots + \dots\dots$

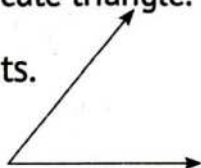
4 The **value** of the digit 0 in 20.35 is  $\dots\dots\dots$

5 The fraction that is represented on the corresponding number line is  $\dots\dots\dots$  

6 The triangle that is containing  $\dots\dots$  acute angles is called an acute triangle.

7  $\dots\dots\dots$  is a part of a straight line that has two endpoints.

8 The measure of the opposite angle is  $\dots\dots\dots^\circ$ .



## Final Revision

**Third: Choose the correct answer:**

1  $\frac{3}{8}$   $\frac{3}{5}$  ( $\leq$  or  $=$  or  $>$  or  $<$ )

2  $5\frac{3}{4}$  is called a/an .....

(proper fraction or improper fraction or mixed number or whole number)

3 The ..... angle whose measure is greater than  $90^\circ$ .

(acute or right or obtuse or zero)

4  $12.05 =$  ..... ( $10 + 2 + 0.5$  or  $1 + 2 + 0.05$  or  $10 + 2 + 5$  or  $10 + 2 + 0.05$ )

5 The shaded part on the corresponding clock

represents an angle whose measure is .....  $^\circ$ .



( $120^\circ$  or  $90^\circ$  or  $60^\circ$  or  $30^\circ$ )

6 The unit of angle measurement is .....

(protractor or degree or centimeter or minute)

7 A quadrilateral with two pairs of parallel sides and four equal sides

is a ..... (rectangle or rhombus or trapezium or triangle)

**Fourth: Answer the following:**

1 Arrange in an ascending order: 20.05 , 2.5 , 20.5 , 2.05

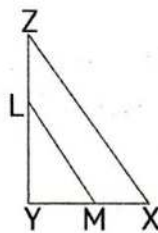
..... < ..... < ..... < .....

2 Complete using:

(// or  $\perp$ )

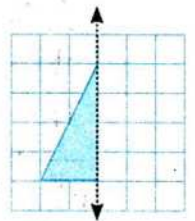
a  $\overline{XY}$  .....  $\overline{ZY}$

b  $\overline{ZX}$  .....  $\overline{LM}$



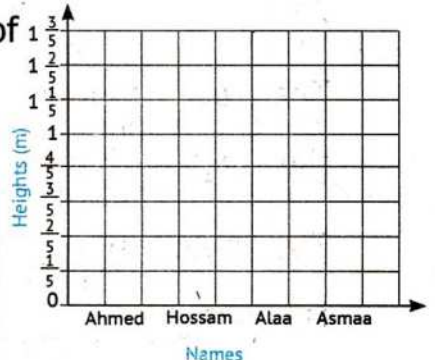
3 Draw the rest of the

image to complete opposite shape.



4 The following table represents the heights of a number of pupils in meters, represent this data using the opposite bar graph:

Name	Ahmed	Hossam	Alaa	Asmaa
Height	$1\frac{1}{5}$	$1\frac{2}{5}$	$1\frac{3}{5}$	$1\frac{1}{5}$





## Exam 3

**First:** Choose the correct answer:

1  $\frac{14}{9} = \dots\dots\dots$  (5  $\frac{1}{9}$  or 1  $\frac{5}{9}$  or 4  $\frac{1}{9}$  or 1  $\frac{4}{9}$ )

2  $\frac{3}{5} \times \dots\dots\dots = 3$  (1 or  $\frac{5}{3}$  or 5 or 15)

3  $21 \frac{3}{100} = \dots\dots\dots$  (20.13 or 21.03 or 21.3 or 2.13)

4 The Additive Identity Element is  $\dots\dots\dots$ . (2 or  $\frac{1}{2}$  or 1 or 0)

5 The measure of straight angle is  $\dots\dots\dots$ . (270° or 180° or 90° or 60°)

6 A  $\dots\dots\dots$  is a tool for measuring angles.  
(degree or centimeter or protractor or ruler)

7 The rectangle is a quadrilateral that contains  $\dots\dots$  right angles. (4 or 3 or 2 or 1)

**Second:** Complete the following:

1  $\frac{5}{6} = \dots\dots\dots + \dots\dots\dots$       2  $\frac{3}{9} = \frac{2}{\dots\dots\dots}$

3  $\frac{3}{4} + \frac{3}{4} + \frac{3}{4} = \dots\dots\dots \times \dots\dots\dots = \dots\dots\dots$

4 The **value** of the digit 0 in the number 23.09 is  $\dots\dots\dots$ .

5 61.5 (in expanded form):  $\dots\dots\dots$ .

6 24.5 =  $\dots\dots\dots$  Tens +  $\dots\dots\dots$  Ones +  $\dots\dots\dots$  Tenths.

7 The type of triangle in which all sides are equal in length according to the lengths of its sides is  $\dots\dots\dots$ .

8 The angle made by the two hands of the clock when they point to 3:00 is about  $\dots\dots\dots$ °.

**Third: Choose the correct answer:**

- 1 Thirty and three hundredths = ..... (30.03 or 0.33 or 3.03 or 30.3)
- 2 The number that is in the Tenths in 21.37 is ..... (2 or 1 or 3 or 7)
- 3 256 Hundredths = ..... (200.56 or 25.6 or 2.56 or 0.256)
- 4 The square has ..... lines of symmetry. (4 or 3 or 2 or 1)
- 5 The angle whose measure  $125^\circ$  is a/an ..... angle.  
(acute or right or obtuse or straight)
- 6 The number of acute angles in the right triangle is ..... (4 or 3 or 2 or 1)
- 7 A ..... is a line that continues forever in both directions.  
(straight line or line segment or ray or point)

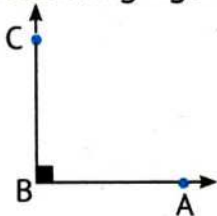
**Fourth: Answer the following:**

- 1 Find the result (in the simplest form):

a  $9\frac{3}{5} - 4\frac{1}{5} = \dots\dots\dots$

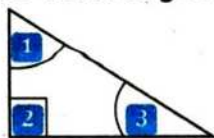
b  $\frac{3}{4} + \frac{5}{4} = \dots\dots\dots$

- 2 In the following figure:



The measure of angle ABC is .....

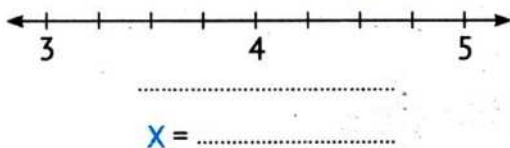
- 3 Using the following figure to write the type of each angle:



- a Angle (1) is a/an ..... angle.
- b Angle (2) is a/an ..... angle.
- c Angle (3) is a/an ..... angle.

- 4 The following table shows the plant lengths in centimeters, represent this data using the line plot graph:

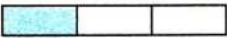
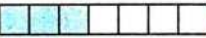


$4\frac{1}{4}$	$3\frac{1}{4}$	$3\frac{1}{2}$	5
$3\frac{1}{4}$	3	4	$4\frac{1}{4}$
$4\frac{1}{4}$	$3\frac{1}{2}$	$4\frac{1}{2}$	$3\frac{1}{2}$





## Exam 4

**First:** Choose the correct answer:

- 1  $60 \frac{2}{10} = \dots\dots\dots$  (60.2 or 6.2 or 60.02 or 6.02)
- 2  $\frac{1}{5} + \frac{1}{5} + \frac{1}{5} + \frac{1}{5} = \dots\dots\dots$  ( $\frac{1}{5} + 5$  or  $\frac{1}{5} \times 4$  or  $\frac{4}{5} \times 5$  or  $\frac{1}{5} \times 5$ )
- 3 Three and three-hundredths =  $\dots\dots\dots$  (30.03 or 30.3 or 3.3 or 3.03)
- 4 The fraction whose numerator is  $\dots\dots\dots$  its denominator is a proper fraction.  
(greater than or greater than or equal or less than or less than or equal)
- 5 The model that represents  $\frac{3}{4}$  is  $\dots\dots\dots$ .  
( or  or  or 
- 6 A triangle whose all sides are equal in length is called a/an  $\dots\dots\dots$  triangle.  
(equilateral or scalene or isosceles or right)
- 7 An angle whose measure is  $175^\circ$  is a/an  $\dots\dots\dots$  angle.  
(right or straight or obtuse or reflex)

**Second:** Complete the following:

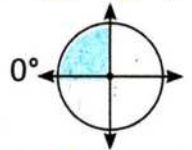
- 1  $\dots\dots\dots$  is a line that continues forever in both directions.
- 2  $\dots\dots\dots$  is a quadrilateral with only one pair of parallel sides.
- 3 The square has  $\dots\dots\dots$  lines of symmetry. 4  $\frac{35}{45} = \frac{7}{\dots\dots\dots}$
- 5  $\frac{54}{10} = \dots\dots\dots$  (As a decimal) 6  $\frac{5}{10} + \frac{5}{100} = \dots\dots\dots$
- 7 The **value** of the digit 0 in 32.09 is  $\dots\dots\dots$
- 8  $2 \frac{3}{4} + 2 \frac{3}{4} = \dots\dots\dots$

**Third:** Choose the correct answer:

- 1  $1 \frac{3}{4} + \dots\dots\dots = 3$  ( $1 \frac{3}{4}$  or  $1 \frac{1}{4}$  or  $2 \frac{3}{4}$  or  $2 \frac{1}{4}$ )
- 2  $\frac{2}{10} \dots\dots\dots 0.02$  ( $\geq$  or  $<$  or  $=$  or  $>$ )

## Final Revision

- 3 The right angle represents ..... of a circle.  
(fourth or half or three-fourths or three-eighths)
- 4 The measure of the right angle is less the measure of the ..... angle.  
(acute or right or obtuse or zero)
- 5 If the time is 8:10, then the hands of the clock form an angle measuring about .....  
( $120^\circ$  or  $180^\circ$  or  $240^\circ$  or  $60^\circ$ )
- 6 The vertex of the angle that is called  $\angle CAB$  is ..... (D or A or B or C)
- 7 The shaded part of the opposite circle represents an angle whose measure is about.....  
( $90^\circ$  or  $135^\circ$  or  $180^\circ$  or  $270^\circ$ )



### Fourth: Answer the following:

- 1 Salma has  $\frac{5}{10}$  pound and Hoda has  $\frac{35}{100}$  pound,  
What is the total amount of money does they have?  
.....

- 2 In the following figure, the shaded part of the analog clock is represented:

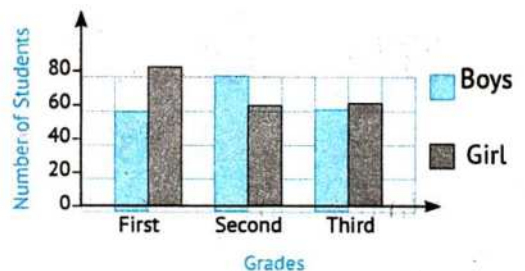
- a An angle that measures about ..... $^\circ$
- b Number of minutes = ..... minutes.



- 3 Draw an angle of  $120^\circ$ :  
(Use a protractor).

- 4 Use the following double bar graph to answer the following questions:
- a How many more girls than boys are in the second grade?  
.....


- b In which class are there the same numbers of boys and girls?  
.....





## Exam 5

**First:** Choose the correct answer:

- 1 The fraction that represents the shaded part is ..... 
- ( $\frac{3}{5}$  or  $\frac{2}{5}$  or  $\frac{3}{2}$  or  $\frac{2}{3}$ )

- 2  $30 + 0.07 =$  ..... (30.07 or 3.07 or 30.7 or 3.7)

- 3  $\frac{3}{8} + \frac{3}{8} =$  ..... ( $\frac{6}{16}$  or  $\frac{5}{10}$  or  $\frac{3}{10}$  or  $\frac{6}{8}$ )

- 4  $\frac{3}{5} =$  ..... ( $\frac{9}{15}$  or  $\frac{6}{15}$  or  $\frac{8}{10}$  or  $\frac{6}{2}$ )

- 5 The decimal that represents the shaded parts is .....  
(2.00 or 2.70 or 2.07 or 20.70)



- 6 At which of the following times does the clock hands form an angle of about  $90^\circ$ ?  
(3:00 or 2:45 or 12:30 or 2:00)

- 7 The measure of a/an ..... angle is greater than  $90^\circ$  and less than  $180^\circ$ .  
(acute or obtuse or right or zero)

**Second:** Complete the following:

1  $\frac{1}{3} = \frac{2}{\dots} = \frac{\dots}{9} = \frac{4}{\dots}$

2  $\frac{3}{5} \times \frac{\dots}{\dots} = \frac{6}{20}$

3  $20 + 8 + 0.3 =$  .....

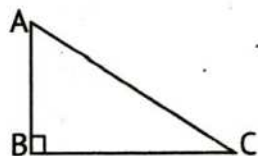
4 The triangle has ..... sides.

5 The **place value** of the digit 3 in the number 23.65 is .....

6 9 Tens, 3 Ones, 2 Tenths = ..... (As a decimal)

7 ..... is the unit of measuring an angle.

8 In the opposite figure,  $\overline{AB} \perp$  .....



## Final Revision

**Third: Choose the correct answer:**

1  $2\frac{5}{7}$   $>$   $2\frac{5}{8}$  ( $\geq$  or  $<$  or  $=$  or  $>$ )


2 Fifty-three tenths = ..... (50.3 or 3.05 or 0.53 or 5.3)

3  $\frac{8}{10} + \frac{8}{100} =$  ..... ( $\frac{88}{100}$  or  $1\frac{6}{10}$  or  $\frac{16}{10}$  or  $\frac{16}{100}$ )

4 If you divide the circle into 4 parts, each part represents a/an ..... angle. (acute or obtuse or right or straight)

5 The measure of the straight angle is ..... ( $80^\circ$  or  $108^\circ$  or  $360^\circ$  or  $180^\circ$ )

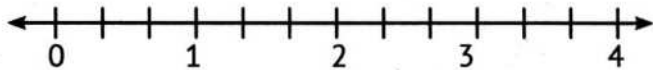
6 The opposite angle measures about .....  ( $170^\circ$  or  $90^\circ$  or  $110^\circ$  or  $180^\circ$ )

7 The opposite figure is called .....  ( $\overrightarrow{XY}$  or  $\overrightarrow{YX}$  or  $\overleftrightarrow{XY}$  or  $\overleftrightarrow{YX}$ )

**Fourth: Answer the following:**

1 Use the following number line to find:

•  $1\frac{2}{3} + 1\frac{2}{3} =$  .....



2 In the following figure, the shaded part of the analog clock represents:

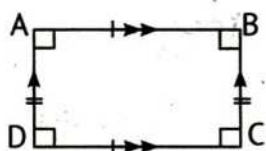
• An angle that measures about ..... $^\circ$ .



3 Study the following figure, then complete:

a  $\overline{AD} \parallel$  .....

b  $\overline{AB} \parallel$  .....



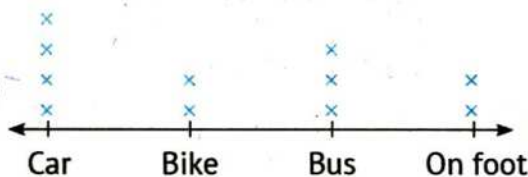
4 The line plot graph below shows the preferred way of going to school for a number of students. Study the chart and then answer:

a How many students go to school by car?

.....

b How many students go to school by bus and bike?

.....




Transportation

x = 1 student

## Exam 6

**First:** Choose the correct answer:

1  $81 \frac{5}{100}$  ..... (80.15 or 8.15 or 81.5 or 81.05)

2 The opposite figure is called .....  (BC or CB or  $\overline{BC}$  or  $\overleftarrow{CB}$ )

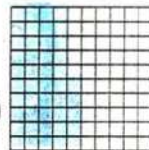
3  $\frac{18}{36} =$  ..... ( $\frac{1}{2}$  or  $\frac{3}{6}$  or  $\frac{6}{12}$  or  $\frac{9}{18}$ )

4 1.4  $\frac{14}{100}$  ..... ( $\geq$  or  $<$  or  $=$  or  $>$ )

5  $\frac{24}{10} =$  ..... (20.04 or 20.4 or 2.04 or 2.4)

6 The two perpendicular straight lines intersect at ..... point(s). (3 or 2 or 1 or 0)

7 The decimal that represents the shaded part in the opposite model is ..... (4.05 or 0.45 or 40.5 or 4.5)



**Second:** Complete the following:

1  $\frac{1}{5} + \frac{1}{5} + \frac{1}{5} =$  ..... 2  $30 + 2 + 0.8 =$  .....

3 24 Tenths = ..... 4  $3 \frac{3}{4} = \frac{\quad}{4}$

5 4.05 = ..... (As a fraction) 6 The unit of measuring angles is .....

7 The **place value** of the digit 3 in 80.03 is .....

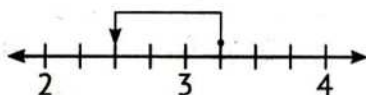
8 If it is 10 o'clock, then the hands of the clock form an angle of about ..... °.

**Third:** Choose the correct answer:

1 5 Tens + 3 Tenths = ..... (50.3 or 30.5 or 5.3 or 3.5)

2 The **value** of the digit 0 in 58.06 is ..... (0.1 or 0 or 0.01 or 10)

3 The subtraction process that is represented on the opposite number line is .....



( $3 \frac{1}{4} - 2 \frac{2}{4}$  or  $4 - \frac{3}{4}$  or  $3 \frac{1}{4} - \frac{3}{4}$  or  $2 \frac{2}{4} - \frac{3}{4}$ )



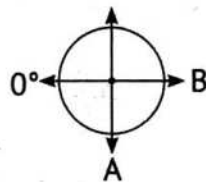
## Final Revision

- 4 The angle whose measure is  $108^\circ$  is called a/an..... angle.  
(straight or obtuse or right or acute)
- 5 The number of lines of symmetry that can be drawn in an isosceles triangle is .....  
(0 or 1 or 2 or 3)
- 6 An acute triangle has ..... acute angle(s).  
(0 or 1 or 2 or 3)
- 7 A ..... is a quadrilateral with two pairs of parallel sides and all sides equal. (rectangle or trapezium or rhombus or parallelogram)

### Fourth: Answer the following:

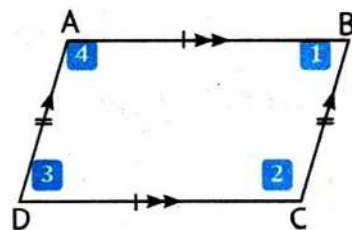
- 1 If you move clockwise in the opposite figure, then:

- a The measure of the angle written at point A is .....  
b The measure of the angle written at point B is .....



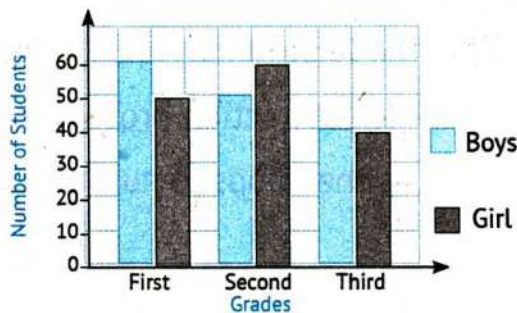
- 2 Study the opposite figure, then complete:

- a The opposite figure is called .....  
b  $\overline{AB} \parallel$  ..... ,  $\overline{AD} \parallel$  .....  
c Angles (1) and (3) are ..... angles.  
d Angles (2) and (4) are ..... angles.



- 3 Hana bought a pizza pie and divided it into 10 equal portions, she gave Rana 0.4 of the pizza and gave Sarah 3 portions of the pizza. What decimal is the remainder? .....
- 4 The following double bar graph represents the numbers of girls and boys in the first three grades of a school. Complete the following table:

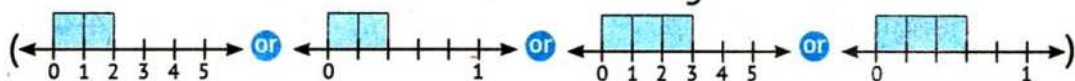
Grade	First	Second	Third
Boys			
Girls			



## Exam 7

**First:** Choose the correct answer:

- 1 The number line that represents the fraction  $\frac{3}{5}$  is .....



- 2 0.01 ..... 0.1 ( $\leq$  or  $<$  or  $=$  or  $>$ )

- 3  $\frac{3}{4} + \frac{3}{4} + \frac{3}{4} + \frac{3}{4} =$  ..... (2 or 3 or  $\frac{12}{16}$  or 12)

- 4 5.05 = ..... ( $50 \frac{5}{100}$  or  $5 \frac{5}{100}$  or  $50 \frac{5}{10}$  or  $5 \frac{5}{10}$ )

- 5  $50 \frac{1}{100} =$  ..... (50.01 or 5.01 or 50.1 or 5.1)

- 6 If the time is 8:10, then the clockwise angle is ..... ( $60^\circ$  or  $240^\circ$  or  $180^\circ$  or  $120^\circ$ )

- 7 The angle whose measure is  $109^\circ$  is called a/an ..... angle. (acute or right or straight or obtuse)

**Second:** Complete the following:

1  $\frac{5}{100} + \frac{\dots}{10} = \frac{55}{100}$

2  $12 =$  ..... Tenths.

3  $30 + 4 + 0.2 + 0.03 =$  .....

4  $3 \frac{1}{4} = \frac{\dots}{4}$

5 Nine-fourths =  $\frac{\dots}{\dots}$

- 6 The type of angle whose measure is  $91^\circ$  is a/an ..... angle.

- 7 A rectangle is a quadrilateral that has ..... of parallel sides.

- 8 If you divide a circle into two halves, then the half of the circle represents an angle whose measure is .....  $^\circ$ .

**Third:** Choose the correct answer:

- 1 3 Tens, 4 Ones, 5 Hundredths = ..... ( $34.5$  or  $34.05$  or  $3.45$  or  $30.45$ )

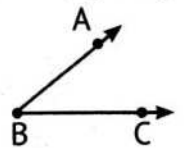
- 2 The **place value** of the digit 7 in 27.51 is .....

(Hundredths or Tenths or Ones or Tens)



## Final Revision

- 3 125 Tenths = ..... (10.25 or 12.05 or 1.25 or 12.5)
- 4 ..... is part of a line and has two endpoints.  
(Line segment or Ray or Straight line or Point)
- 5 5 cm, 7 cm, and ..... cm are the lengths of the sides of an isosceles triangle. (4 or 5 or 1 or 9)
- 6 A ..... is a quadrilateral with only one pair of parallel sides.  
(rectangle or trapezium or square or parallelogram)
- 7 The opposite angle is called angle .....  
(A or CBA or ACB or BAC)



### Fourth: Answer the following:

- 1 Using a protractor, draw an angle of  $120^\circ$ :

- 2 Arrange the fractions in an ascending order:  $\frac{3}{4}, \frac{3}{2}, \frac{3}{8}, \frac{3}{5}$
- ....., ....., ....., .....

- 3 Ahmed has  $3\frac{25}{100}$  pounds. His mother gave him  $6\frac{75}{100}$  pounds.

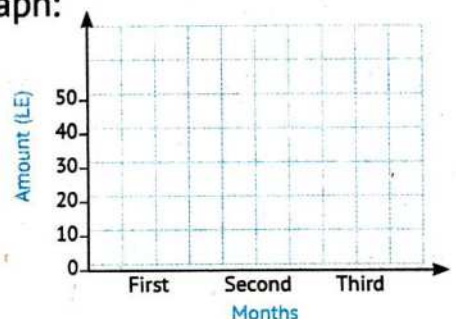
How much money does Ahmed have now?

.....

- 4 The following table shows what Sameh and Alaa saved in three months.

Represent this data using the double bar graph:

Months	First	Second	Third
Sameh	10	30	50
Alaa	30	40	50



## Exam 8

**First:** Choose the correct answer:

- 1 The Multiplicative Identity Element is ..... ( $\frac{2}{1}$  or  $\frac{1}{2}$  or 1 or 0)
- 2  $0.08 =$  ..... ( $\frac{8}{92}$  or  $\frac{2}{8}$  or  $\frac{8}{100}$  or  $\frac{8}{10}$ )
- 3 Six- ..... = 1 (halves or fourths or fifths or sixths)
- 4 .....  $\times 2 = 1$  ( $\frac{2}{3}$  or  $\frac{3}{2}$  or  $\frac{2}{2}$  or  $\frac{1}{2}$ )
- 5  $2\frac{1}{5} + 3\frac{4}{5} =$  ..... ( $5\frac{5}{10}$  or  $5\frac{3}{5}$  or 6 or 5)
- 6 350 Hundredths = ..... (3.05 or 35 or 3.50 or 0.35)
- 7 A triangle that contains a/an ..... angle and two acute angles is called a right triangle. (acute or right or obtuse or straight)

**Second:** Complete the following:

- 1  $3\frac{40}{100} = 3\frac{\text{.....}}{10}$
- 2 .....  $- 2\frac{1}{2} = 2\frac{1}{2}$
- 3  $\frac{5}{5} =$  .....
- 4  $\frac{15}{30} = \frac{\text{.....}}{2}$
- 5  $8.5 = \frac{\text{.....}}{\text{.....}}$
- 6  $35.07 =$  ..... Tens + ..... Ones + ..... Tenths + ..... Hundredths.
- 7 The estimate of the measure of an angle that is  $\frac{5}{6}$  of a circle is .....
- 8 The type of the triangle whose side lengths are 8 cm, 3 cm, and 4 cm according to the lengths of its sides is .....

**Third:** Choose the correct answer:

- 1  $30 + 0.5 + 4 =$  ..... (34.05 or 34.5 or 30.54 or 3.54)
- 2 The **value** of the digit 9 in 96.23 is ..... (0.09 or 0.9 or 90 or 9)
- 3 A ..... is a quadrilateral with four right angles and all sides of equal length. (rhombus or rectangle or square or trapezium)

## Final Revision

- 4 The estimate of the angle shown is .....  
(200° or 150° or 100° or 50°)
- 5 The opposite angle is a/an ..... angle.  
(acute or obtuse or right or straight)
- 6 Any triangle has at least ..... acute angle(s). (1 or 2 or 3 or 4)
- 7 The measure of an obtuse angle is less than the measure of  
the ..... angle. (acute or right or straight or zero)

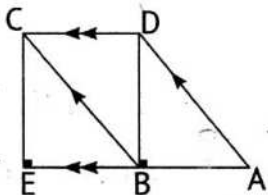


### Fourth: Answer the following:

- 1 Using the following figure, complete

using ( $//$  or  $\perp$ ):

- a  $\overline{AE}$  .....  $\overline{DC}$
- b  $\overline{AE}$  .....  $\overline{EC}$
- c  $\overline{AE}$  .....  $\overline{DB}$
- d  $\overline{AD}$  .....  $\overline{BC}$



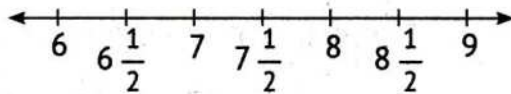
- 2 Draw the angle XYZ of 105°:

- 3 Salma drinks  $\frac{3}{4}$  liter of juice every day. How much juice does she drink in 8 days?
- .....

- 4 The following data represents the results achieved by a number of students in the mathematics test.

Represent the data using the line plot graph:

$7\frac{1}{2}$	7	$8\frac{1}{2}$	6
$8\frac{1}{2}$	$7\frac{1}{2}$	7	$6\frac{1}{2}$
$6\frac{1}{2}$	7	$8\frac{1}{2}$	7



X = .....



## Exam 9

**First:** Choose the correct answer:

① ..... +  $\frac{3}{4} = 4$  ( $3\frac{1}{4}$  or  $\frac{1}{4}$  or  $3\frac{3}{4}$  or  $4\frac{3}{4}$ )

② The model that represents the fraction  $1\frac{3}{4}$  is .....



③ Fifty and five-hundredths = ..... ( $5.5$  or  $50.4$  or  $50.05$  or  $5.05$ )

④ The place value of the digit 6 in 26.24 is .....

(Ones or Tens or Tenths or Hundredths)

⑤  $3 =$  ..... Hundredths. ( $3$  or  $30$  or  $300$  or  $0.03$ )

⑥ The starting point of ray BA is point ..... (A, B or A or B or C)

⑦ The measure of the angle formed by the hands of the clock when the time is 3:00 is ..... ( $30^\circ$  or  $90^\circ$  or  $120^\circ$  or  $120^\circ$ )

**Second:** Complete the following:

①  $\frac{15}{6} = \frac{\dots}{\dots}$

②  $4\frac{3}{100} + 3\frac{4}{10} = \dots$

③  $\frac{14}{28} = \frac{\dots}{10}$

④  $20 + 0.2 + 5 + 0.05 = \dots$

⑤ Nine and nine hundredths = .....

⑥ A polygon with 4 sides is called .....

⑦ The type of angle whose measure is  $180^\circ$  is a/an ..... angle.

⑧ Any triangle has at least ..... acute angle.

**Third:** Choose the correct answer:

①  $2.5 >$  .....

( $25$  or  $20.05$  or  $2.05$  or  $20.5$ )

②  $\frac{25}{35} = \dots$

( $\frac{5}{5}$  or  $\frac{1}{2}$  or  $\frac{5}{7}$  or  $\frac{2}{3}$ )

③  $50.8$  .....  $5.08$

( $\geq$  or  $<$  or  $=$  or  $>$ )

## Final Revision

- 4  $\frac{1}{10} + \frac{1}{100} = \dots\dots\dots$  (1.1 or 0.11 or 0.2 or 0.02)
- 5 The measure of the angle that is made by the hands of the clock when they are at 5:00 is about  $\dots\dots\dots$ . (180° or 60° or 150° or 90°)
- 6 An acute triangle has all its angles as  $\dots\dots\dots$  angles.  
(straight or right or obtuse or reflex)
- 7 Two intersecting straight lines meet at  $\dots\dots\dots$  point(s). (0 or 1 or 2 or 3)

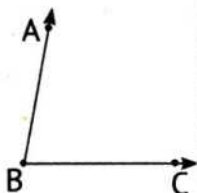
### Fourth: Answer the following:

- 1 Use the protractor to measure the following angle, then complete:

a Vertex:  $\dots\dots\dots$

b Angle type:  $\dots\dots\dots$

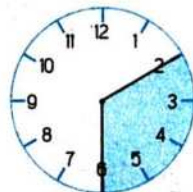
c The measure of the angle:  $\dots\dots\dots$



- 2 In the following figure, the shaded part of the analog clock is represented.

a Fraction:  $\dots\dots\dots$

b Angle measure about:  $\dots\dots\dots$

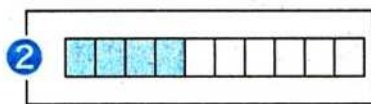
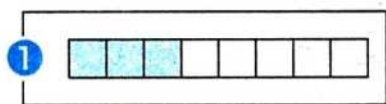


- 3 Match each model to its appropriate fraction:

a  $\frac{3}{4}$

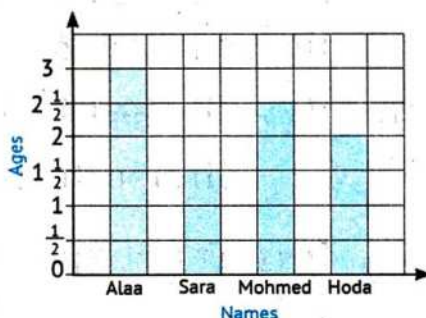
b  $\frac{3}{8}$

c 0.4



- 4 The following chart shows the ages of a group of children, study the drawing and then answer:

- a Who is the oldest child?  $\dots\dots\dots$
- b Who is the youngest child?  $\dots\dots\dots$
- c What is the sum of the ages of Sara and Mohamed?  $\dots\dots\dots$
- d What is the difference between the ages of Alaa and Hoda?  $\dots\dots\dots$





## Exam 10

**First:** Choose the correct answer:

- 1  $3\frac{4}{10} + 2\frac{4}{100} = \dots\dots\dots$  ( $5\frac{8}{10}$  or  $5\frac{44}{100}$  or  $5\frac{80}{100}$  or  $5\frac{8}{100}$ )
- 2 In the fraction  $\frac{4}{2}$ , the numerator =  $\dots\dots\dots$  the denominator.  
(half or twice or fourth or 4 times)
- 3 205 Tents =  $\dots\dots\dots$  (2.05 or 20.5 or 20.05 or 2.5)
- 4  $\frac{4}{8} = \dots\dots\dots$   
( $\frac{2}{4} + \frac{2}{4}$  or  $\frac{4}{4} + \frac{4}{4}$  or  $\frac{1}{2} + \frac{1}{2} + \frac{1}{2} + \frac{1}{2}$  or  $\frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8}$ )
- 5  $10.02 = \dots\dots\dots$  ( $1 + 0.02$  or  $10 + 0.02$  or  $1 + 0.2$  or  $10 + 0.2$ )
- 6 The equilateral triangle has  $\dots\dots\dots$  line(s) of symmetry. (0 or 1 or 2 or 3)
- 7 If the hands of the clock form an angle of  $120^\circ$ , then the time on the clock may be  $\dots\dots\dots$  (3:05 or 4:00 or 5:00 or 6:15)

**Second:** Complete the following:

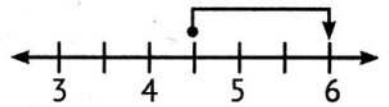
- 1  $5\frac{3}{10} + \dots\dots\dots = 7$       2  $\dots\dots\dots$  -ninths =  $\frac{5}{\dots\dots\dots}$       3  $\frac{5}{6} = \frac{10}{\dots\dots\dots}$
- 4 The **place value** of the digit 6 in 3.64 is  $\dots\dots\dots$ .
- 5 3 Tens + 2 Tenths + 5 Hundredths =  $\dots\dots\dots$
- 6 The maximum number of lines of symmetry that can be drawn in a rectangle is  $\dots\dots\dots$ .
- 7 If 4 cm, 6 cm, and 4 cm are the lengths of the sides of a triangle, then the type of triangle according to the lengths of its sides is  $\dots\dots\dots$  angle.
- 8 The clock is divided into 12 parts, each part representing an angle whose measure is  $\dots\dots\dots^\circ$ .

**Third:** Choose the correct answer:

- 1 The digit that represents the Tenths in 16.75 is  $\dots\dots\dots$  (1 or 6 or 7 or 5)
- 2  $3\frac{1}{2} = \dots\dots\dots$  (3.5 or 3.05 or 3.12 or 31.2)

## Final Revision

- 3 The addition operation represented on the corresponding number line is .....



$(4 \frac{1}{2} + 1 \frac{1}{2}$  or  $4 \frac{1}{2} + \frac{1}{2}$  or  $4 \frac{1}{2} + 2 \frac{1}{2}$  or  $4 \frac{1}{2} + 6$ )

- 4 A rhombus is a quadrilateral having ..... pair(s) of parallel sides.  
(1 or 2 or 3 or 4)

- 5 The type of triangle whose angle measures are  $60^\circ, 60^\circ, 60^\circ$  according to the measures of its angles is a/an ..... triangle.

(obtuse or acute or right or scalene)

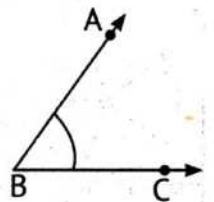
- 6 The opposite figure is called ..... (DC or CD or CD or CD)

- 7 There are ..... thirds in the whole one. (1 or 2 or 3 or 6)

### Fourth: Answer the following:

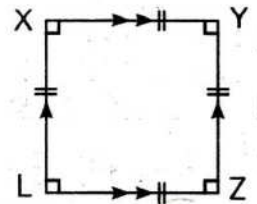
- 1 In the corresponding figure:

- a The measure of angle ABC is ..... degrees.  
b The rays of the angle are ..... and .....  
c The vertex of the angle is .....



- 2 Study the corresponding figure, then complete:

- a The corresponding figure is called .....  
b  $\overline{XY} \parallel$  .....,  $\overline{XL} \parallel$  .....  
c  $XY =$  ..... = ..... = .....  
d All angles of the figure are ..... angles.

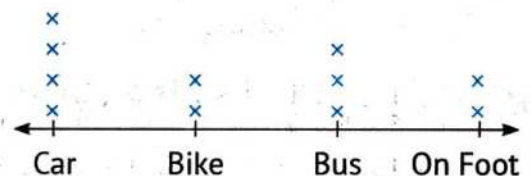


- 3 Karim had 10 pounds, he bought a pen for  $5 \frac{1}{10}$  pounds.  
How much money is left with Karim? .....

- 4 The following line plot graph shows the preferred way for a number of student to go to school. Study the chart, then answer:

- How many students go to school:

- a By car? .....  
b On foot? .....  
c By bus or by bike? .....  
d By car or by bike? .....



How to Get to School

X = 1 student




## PRIM 4 – MODEL NO

1

**[01] Choose the correct answer:**

- (1) The number of unit fraction which formed  $\frac{2}{3}$  equals .....
- a) 1                      b) 2                      c) 3                      d) 4
- 
- (2)  $\frac{1}{6}$  .....  $\frac{4}{6}$
- a) >                      b) =                      c) <                      d) Otherwise
- 
- (3) The place value of digit 2 in the number 10.02 is .....
- a) Ones                      b) Tenths                      c) Hundredths                      d) Hundred
- 
- (4) The weight of a person is 80.5 kg equals .... Tenths Kg
- a) 5                      b) 80                      c) 805                      d) 8050
- 
- (5) When the data is numbers, use ..... to represents on number line
- a) Bars                      b) Double bars                      c) Pictograph                      d) Line plot
- 
- (6) Two straight lines are never intersecting are .....
- a) Perpendicular                      b) Parallel                      c) Intersecting                      d) Otherwise
- 
- (7) The angle of measure  $112^\circ$  is ..... Angle
- a) Acute                      b) Right                      c) Obtuse                      d) Straight

**[02] Complete the following:**

- (1)  $\frac{3}{4} \times \frac{3}{3} = \dots\dots\dots$
- (2) The fraction  $\frac{1}{6}$  is nearest benchmark fraction .....
- (3) One whole = ..... hundredths
- (4) The mixed number which represents 10.07 is .....
- (5) The number of visitor to Cairo tower during a week represents graph with .....
- (6) The shape  is called .....
- (7) Rectangular garden with length 4 m , width 3 m, its area = .....  $m^2$
- (8) The number of degrees in the circle = ..... degrees



[03] Choose the correct answer:

- (1) ..... Which numerator is less than denominator  
 a) Proper                      b) Improper                      c) Mixed                      d) Whole No.
- (2) The equivalent fraction of  $\frac{4}{5}$  is .....  
 a)  $\frac{1}{5}$                       b)  $\frac{8}{5}$                       c)  $\frac{2}{5}$                       d)  $\frac{8}{10}$
- (3)  $0.5 = \dots\dots\dots$   
 a)  $\frac{1}{5}$                       b)  $\frac{1}{10}$                       c)  $\frac{5}{10}$                       d)  $\frac{50}{10}$
- (4) The expand form of 3.14 is .....  
 a)  $3 + 0.1 + 0.4$                       b)  $3 + 0.1 + 0.04$   
 c)  $3 + 0.01 + 0.04$                       d)  $4 + 0.1 + 0.3$
- (5) The favorite food of a group of boys and girls can be represented using the graph by .....  
 a) Bars                      b) Double bars                      c) Pictograph                      d) Line plot
- (6) All angles are right in  
 a) Square                      b) Rhombus                      c) Parallelogram                      d) Trapezium
- (7) The fraction  $\frac{6}{12}$  represent of the circle angle of measure .....  
 a)  $90^\circ$                       b)  $180^\circ$                       c)  $270^\circ$                       d)  $360^\circ$

[04] Answer the following questions:

[A] Khaled ate  $\frac{1}{6}$  from the candy box, so if there were 18 pieces in the box.

How many pieces did Khaled eat? .....

[B] Two ropes, one with a mass  $\frac{1}{10}$  Kg , and the other with a mass  $\frac{8}{100}$  Kg. What is the total mass the two ropes together?  
 .....

[C] Draw  $\overline{XY}$  parallel  $\overline{ZL}$

[D] The following table shows the number of circles each of Ahmed and Nader study during 6 days, represents this data with double bar graph

Day	Sat	Sun	Mon	Tues	Wed	Thru
Ahmed	3	4	3	6	4	2
Nader	4	5	2	5	5	3

End of the questions



## PRIM 4 – MODEL NO

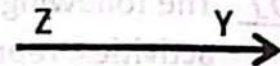
2

**[Q1] Choose the correct answer:**

- (1) The unit fraction of the following is .....
- a)  $\frac{2}{5}$                       b)  $\frac{1}{8}$                       c)  $\frac{9}{10}$                       d)  $\frac{2}{5}$
- 
- (2) .....  $< \frac{4}{9}$
- a)  $\frac{8}{9}$                       b)  $\frac{1}{9}$                       c)  $\frac{5}{9}$                       d) 1
- 
- (3) The value of the digit 9 in the number 0.91 is .....
- a) 9                      b) 0.9                      c) 0.09                      d) 90
- 
- (4)  $\frac{4}{10} + \frac{2}{100} = \dots\dots\dots$
- a)  $\frac{6}{100}$                       b)  $\frac{6}{110}$                       c)  $\frac{42}{100}$                       d)  $\frac{60}{100}$
- 
- (5) Survey data about the number of pets your friend has represents graph with .....
- a) Bars                      b) Double bars                      c) Pictograph                      d) Line plot
- 
- (6) All the perpendicular straight lines are ..... lines
- a) Parallel                      b) Separated                      c) Intersection                      d) Otherwise
- 
- (7) The angle of measure  $73^\circ$  is ..... Angle
- a) Acute                      b) Right                      c) Obtuse                      d) Straight

**[Q2] Complete the following:**

- (1) The fraction which represents the opposite model .....
- (2)  $2\frac{1}{9} = \dots\dots\dots$  As improper fraction
- (3) The place value of digit 6 in the number 0.46 is .....
- (4)  $\frac{\dots\dots}{10} = \frac{30}{100}$
- (5) Questionnaire data on the favorite foods of boys and girls represent graphically with .....
- (6) Start point of the opposite ray is point .....
- (7) The measure of right angle = ..... $^\circ$
- (8) If the area of square is  $49 \text{ cm}^2$ , then its Side length = ..... cm





[Q3] Choose the correct answer:

- (1) The fraction  $\frac{9}{7}$  is called .....
- a) Proper                      b) Improper                      c) Mixed                      d) Otherwise
- (2) Huda made 25 cakes, one of them contains  $\frac{3}{5}$  cream. The number of cakes that contain On cream = ..... cake
- a) 15                      b) 23                      c) 9                      d) 25
- (3) Number of hundredths of the number 1.68 = ..... Parts
- a) 68                      b) 8                      c) 6                      d) 168
- (4)  $1\frac{8}{100} = \dots\dots\dots$
- a) 1.8                      b) 1.08                      c) 0.18                      d) 1.18
- (5) The graph that shows the repetition of data on the number line is a graph with.....
- a) Bars                      b) Double bars                      c) Pictograph                      d) Line plot
- (6) The obtuse angled triangle has ..... obtuse angle
- a) 1                      b) 2                      c) 3                      d) 4
- (7) The triangle of sides lengths 4 cm , 6 cm , 6 cm is called ..... triangle
- a) Equilateral                      b) Isosceles                      c) Scalene                      d) Otherwise

[Q4] Answer the following questions:

[A] Ahmed ate a whole orange, Doaa ate  $\frac{1}{6}$  orange, and Nahed ate  $\frac{4}{6}$  orange. How much what did Ahmed, Doaa and Nahed eat from oranges?

.....

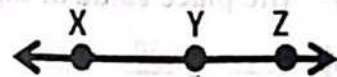
[B] Hussam's mass was 65.6 kg. Express Hussam's mass in decimal number form, then in fraction form.

.....

[C] From the opposite figure: Find:

① Line segment

② Ray



[D] The following table shows the number of students participating in school activities, represents this data with bar graph

Activities	Social	Cultural	Sports	Artistic
No. of students	20	30	25	10

End of the questions



[Q1] Choose the correct answer:

- (1) The number of unit fraction which formed  $\frac{4}{5}$  equals .....
- a) 1                      b) 3                      c) 4                      d) 5
- (2)  $\frac{13}{8}$  .....  $\frac{11}{8}$
- a) >                      b) =                      c) <                      d) Otherwise
- (3) The value of 1 is 0.01 in the number .....
- a) 54.12                      b) 51.6                      c) 7.31                      d) 17.26
- (4)  $\frac{8}{10} + \frac{25}{100} =$  .....
- a)  $\frac{33}{100}$                       b)  $5\frac{1}{10}$                       c)  $\frac{150}{100}$                       d)  $1\frac{5}{100}$
- (5) A bar graph is used to display ..... data on a graph
- a) 1 group                      b) 2 group                      c) 3 group                      d) 4 group
- (6) The two ..... straight lines make 4 right angles
- a) Perpendicular                      b) Parallel                      c) Intersection                      d) Otherwise
- (7) Which of the following is acute angle?
- a)  $110^\circ$                       b)  $35^\circ$                       c)  $90^\circ$                       d)  $180^\circ$

[Q2] Complete the following:

- (1)  $4 - \frac{3}{7} =$  .....
- (2)  $\frac{5}{2} =$  ..... as mixed number
- (3) The standard form of the number fifty hundredths is .....
- (4)  $\frac{\dots}{100} =$  6 tenths, 6 hundredths
- (5) The data of the population of two governorates in five different years represents with graph by .....
- (6) If the line segment extends from one side, we get .....
- (7) The measure of straight angle = ..... $^\circ$
- (8)  $\frac{10}{12}$  of the circle = ..... $^\circ$



[03] Choose the correct answer:

- (1) The proper fraction of the following is .....
- a)  $\frac{11}{8}$                       b)  $\frac{7}{9}$                       c)  $2\frac{5}{7}$                       d)  $\frac{8}{3}$
- (2)  $\frac{8}{14} = \frac{\dots}{4}$
- a) 4                      b) 2                      c) 32                      d) 8
- (3)  $\frac{3}{100} = \dots\dots\dots$
- a) 0.3                      b) 3.0                      c) 0.03                      d) 0.33
- (4) The value of 7 in the number 5.97 is .....
- a) 7.0                      b) 0.7                      c) 0.07                      d) 70
- (5) Questionnaire for the period of time spent by 15 pupils to perform the homework to the nearest circle is a representation graphically by .....
- a) Bars                      b) Double bars                      c) Pictograph                      d) Line plot
- (6) The type of the opposite angle .....
- a) Acute                      b) Obtuse                      c) Right                      d) Straight
- (7) If the measure of greatest angle in triangle is  $90^\circ$ , then the triangle is...
- a) Acute                      b) Obtuse                      c) Right                      d) Otherwise

[04] Answer the following questions:

[A] Samira cut a cake into 8 equal parts, and ate one of them. What parts are left of the cake? .....

[B] Hana drank  $1\frac{75}{100}$  cup of juice. Express this quantity in decimal form. What is the number hundredths? .....

[C] Draw line segment  $\overline{OG}$  intersect the ray  $\overrightarrow{EF}$

[D] The following table shows the number of daily study hours for some students, represents this data with bar graph

Student name	Aly	Ibtsam	Khaled	Omnia	Saif
No. of Hours	$4\frac{1}{4}$	$3\frac{1}{4}$	$3\frac{1}{2}$	3	$2\frac{1}{4}$

End of the questions



[Q1] Choose the correct answer:

(1) The expression which equivalent to  $\frac{3}{3}$  is .....

a)  $\frac{1}{3} + \frac{1}{3} + \frac{1}{3}$

b)  $\frac{1}{3} + \frac{4}{3}$

c)  $\frac{1}{3} + \frac{2}{3} + \frac{3}{3}$

d)  $\frac{1}{4} + \frac{1}{4} + \frac{1}{4}$

(2)  $\frac{2}{4}$  .....  $\frac{1}{2}$

a) >

b) <

c) =

d) Otherwise

(3) The value of 5 is 0.05 in the number .....

a) 5.28

b) 7.15

c) 1.5

d) 54.9

(4)  $\frac{1}{10} + \dots = \frac{15}{100}$

a)  $\frac{5}{100}$

b)  $\frac{14}{10}$

c)  $\frac{14}{90}$

d)  $\frac{50}{100}$

(5) A double bar graph is used to display ..... data on a graph

a) 1 group

b) 2 group

c) 3 group

d) 4 group

(6) Number of intersection points of two perpendicular line = .....

a) One

b) 2 points

c) 3 points

d) 4 points

(7) The circle has ..... degrees

a) 260

b) 360

c) 180

d) 90

محمد النوري  
1014315472

[Q2] Complete the following:

(1) The number of unit fraction which formed  $\frac{3}{7}$  equals .....

(2)  $2\frac{3}{4} = \dots$  as improper fraction

(3) The decimal number

--	--	--	--	--	--	--	--

which represents the opposite model

--	--	--	--	--	--	--	--

(4)  $1.9 = \frac{\dots}{10}$

(5) Data about the favorite animals of the students in the class represents graphically with .....

(6) Number of axis of symmetry of rectangle = .....

(7) The angle of measure  $54^\circ$  is called ..... angle

(8)  $\frac{1}{3}$  of the circle = ..... $^\circ$



[Q3] Choose the correct answer:

(1) The improper fraction of the following is .....

- a)  $\frac{11}{8}$                       b)  $\frac{7}{9}$                       c)  $2\frac{5}{7}$                       d)  $\frac{2}{3}$

(2)  $5 - 3\frac{1}{6} = \dots\dots\dots$

- a)  $\frac{7}{6}$                       b) 2                      c)  $\frac{4}{6}$                       d)  $\frac{11}{6}$

(3) The equivalent fraction of the number 0.3 is .....

- a)  $\frac{30}{10}$                       b)  $\frac{3}{100}$                       c)  $\frac{3}{10}$                       d)  $\frac{300}{100}$

(4) The expand form of 2.04 is .....

- a)  $2 + 0.4$                       b)  $2 + 40$                       c)  $4 + 0.2$                       d)  $2 + 0.04$

(5) One of the following topics can be represented using the line plot representation is .....

- a) The favorite club of two groups                      b) The number of devices in two stores  
c) The number of family members for class pupils                      d) The favorite type of ice cream for pupils of two classes

(6) All angles in the equilateral triangle are .....

- a) Acute                      b) Right                      c) Obtuse                      d) Otherwise

(7) The vertex of  $\angle ABC$  is .....

- a)  $\overline{AB}$                       b) C                      c) A                      d) B

[Q4] Answer the following questions:

[A] Hani drank  $1\frac{3}{8}$  liter of water, and Samir drank  $1\frac{5}{8}$  liter of water. What is the total liters that Hani and Samir drank? .....

[B] If 44 students out of 100 students prefer football. Express it in the form of a decimal fraction, and in the form of a regular fraction. ....

[C] Draw the straight line  $\overleftrightarrow{LM}$  intersecting ray  $\overrightarrow{OP}$  and forming 4 square angles

[D] The following table shows the number of products sold in each of the shops (A) and shop (B) during a week represents this data with double bar graph

Day	Mango	Chocolate	Vanilla	Lemon
Shop (A)	100	85	25	40
Shop (B)	85	80	60	20


End of the questions



**[Q1] Choose the correct answer:**

- (1) The unit fraction of the following fraction is .....
- a)  $\frac{2}{3}$                       b) 1                      c)  $\frac{3}{11}$                       d)  $\frac{1}{8}$
- 
- (2) The nearest fraction to  $\frac{1}{2}$  is .....
- a)  $\frac{5}{8}$                       b)  $\frac{1}{8}$                       c)  $\frac{8}{8}$                       d)  $\frac{2}{8}$
- 
- (3) The value of 3 is 0.3 in the number .....
- a) 8.35                      b) 8.53                      c) 3.85                      d) 30.580
- 
- (4) A bottle has  $\frac{7}{10}$  liter, another bottle has  $\frac{14}{100}$  liter, then total = ..... liters
- a)  $\frac{21}{110}$                       b)  $\frac{21}{100}$                       c)  $\frac{84}{100}$                       d)  $\frac{21}{10}$
- 
- (5) Collecting some data about the class's favorite animal, which can be represented graphically .....
- a) Bars                      b) Double bars                      c) Pictograph                      d) Line plot
- 
- (6) The number intersection points of two parallel lines are .....
- a) One                      b) Two                      c) Three                      d) Zero
- 
- (7) The measure of straight angle = .....°
- a) 108                      b) 118                      c) 180                      d) 90


**[Q2] Complete the following:**

- (1)  $6 - 5\frac{3}{8} = \dots\dots\dots$
- (2)  $\frac{2}{5} < \frac{2}{\dots\dots\dots}$
- (3) The expand form of the fraction 16 hundredths is .....
- (4)  $1\frac{20}{100} = 1\frac{\dots\dots\dots}{10}$
- (5) Rainfall data in the year 2000 and the year 2020 in different countries are represented graphically with .....
- (6) The opposite figure is called ..... 
- (7) The angle of measure  $132^\circ$  is called ..... angle
- (8)  $\frac{1}{6}$  Of the circle = ..... degree

ممود الخولي  
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[03] Choose the correct answer:

- (1) The mixed number of the following is .....
- a)  $12 \frac{4}{9}$       b)  $\frac{9}{4}$       c)  $\frac{18}{36}$       d)  $\frac{17}{4}$
- (2) The correct mathematical expression is .....
- a)  $\frac{9}{25} = \frac{3}{5}$       b)  $\frac{4}{5} = \frac{1}{2}$       c)  $\frac{6}{10} = \frac{2}{10}$       d)  $\frac{8}{10} = \frac{4}{5}$
- (3) The place value of the number 8 in the number 1.78 is ....
- a) Ones      b) Tenths      c) Hundredths      d) Tens
- (4) The standard form of: 3 ones, 5 tenths, 7 hundredths
- a) 3.57      b) 3.75      c) 7.53      d) 5.37
- (5) All the following can be represented using a double bar graph EXCEPT .....
- a) The meals preferred by boys and girls      b) The number of brothers and sisters for the students in the class
- c) Comparing the population of two governorates in 5 years      d) Scores of a group of pupils in mathematics and science
- (6) The quadrilateral has 4 right angles is .....
- a) Parallelogram      b) Rhombus      c) Rectangle      d) Trapezium
- (7) The opposite triangle is ..... Triangle 
- a) Acute      b) Right      c) Obtuse      d) Otherwise

[04] Answer the following questions:

[A] Arrange from smallest to greatest:  $\frac{7}{10}$ ,  $\frac{2}{10}$ ,  $\frac{5}{10}$ ,  $\frac{10}{10}$ ,  $\frac{1}{10}$

[B] a tree of length  $2 \frac{8}{100}$ ; express the length as decimal number and as hundredths parts.

[C] A rectangular squash playground with an area of  $32 \text{ m}^2$ , one side of which is 8 meters long. Find the length the other side of the playground.

[D] The following table shows the distance in kilometers covered by each student in the running competition, represents this data with bar graph

Student name	Nahla	Hisham	Hager	Nabil	Omar
No. of Hours	$1 \frac{1}{2}$	$1 \frac{1}{4}$	$\frac{3}{4}$	2	$1 \frac{3}{4}$

End of the questions



**[Q1] Choose the correct answer:**

(1) The greatest unit fraction of the following is .....

- a)  $\frac{1}{2}$                       b)  $\frac{1}{4}$                       c)  $\frac{1}{3}$                       d)  $\frac{1}{5}$

(2)  $\frac{1}{\dots} < \frac{1}{5}$ 

- a) 4                      b) 3                      c) 2                      d) 6

(3) The value of the digit 1 is 0.1 in the number .....

- a) 2.81                      b) 1.29                      c) 96.13                      d) 17.32

(4)  $\frac{17}{100} + \frac{5}{10} = \dots\dots\dots$ 

- a)  $\frac{22}{110}$                       b)  $\frac{22}{100}$                       c)  $\frac{67}{100}$                       d)  $\frac{67}{10}$

(5) The favorite food of a group of boys and girls in the class can be represented graphically by.....

- a) Bars                      b) Double bars                      c) Pictograph                      d) Line plot

(6) Two perpendicular lines formed ..... Right angles

- a) 3                      b) 4                      c) 5                      d) 6

(7) The fraction  $\frac{11}{12}$  represents of the circle angle of measure .....°

- a) 360                      b) 330                      c) 300                      d) 30

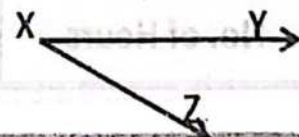
**[Q2] Complete the following:**(1) The fraction  $\frac{6}{10}$  is nearest to benchmark fraction .....(2)  $\frac{1}{\dots} = \frac{5}{15}$ 

(3) The place value of the number 3 in the number 11.23 is .....

(4) Number of hundredths in the number 4 = ..... hundredths

(5) Data of degrees of mathematics for the students of the class represents graphically with .....

(6) ..... is a line has start point and has no end point.

(7) The angle of measure  $115^\circ$  is .....angle(8) The name of the opposite angle is  $\angle$  .....



[03] Choose the correct answer:

(1) All the following represents improper fraction except .....

- a)  $\frac{11}{5}$                       b)  $\frac{27}{8}$                       c)  $\frac{1}{23}$                       d)  $\frac{17}{16}$

(2)  $4 \times \frac{1}{9} = \dots\dots\dots$

- a)  $\frac{9}{4}$                       b)  $\frac{4}{9}$                       c)  $\frac{4}{36}$                       d)  $\frac{5}{9}$

(3) The equivalent fraction of the decimal fraction 0.45 is .....

- a)  $\frac{450}{100}$                       b)  $\frac{450}{10}$                       c)  $\frac{45}{100}$                       d)  $\frac{45}{10}$

(4)  $1.4 = 1 + \dots\dots\dots$

- a) 14                      b) 0.1                      c) 0.4                      d) 0.14

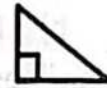
(5)  $5 - 3\frac{1}{2} = \dots\dots\dots$

- a)  $2\frac{1}{2}$                       b)  $8\frac{1}{2}$                       c)  $1\frac{1}{2}$                       d)  $15\frac{1}{2}$

(6) The quadrilateral of equal sides is called .....

- a) Parallelogram                      b) Rectangle                      c) Rhombus                      d) Trapezium

(7) The opposite triangle is ..... Triangle



- a) Acute                      b) Right                      c) Obtuse                      d) Otherwise

[04] Answer the following questions:

[A] Ahmad has  $2\frac{7}{8}$  kilograms of oranges. If one kilogram of them is spoiled, how much is left for him?

[B] A tree with a length of  $5\frac{9}{100}$  meters. Represent the length of the tree in decimal form, then in hundredths parts.

[C] A rectangular swimming pool 12 meters long and 8 meters wide. find its circumference.

[D] The following table shows the distance in kilometers covered by each student in the running competition, represents this data with bar graph

Student name	Amira	Ahmed	Salma	Khaled	Dalia
No. of Hours	$1\frac{1}{2}$	$1\frac{1}{4}$	$\frac{3}{4}$	2	$1\frac{3}{4}$

End of the questions



PRIM 4 – MODEL NO

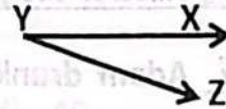
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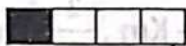
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**[Q1] Choose the correct answer:**

- (1)  $1\frac{1}{4} + \frac{3}{4} = \dots$
- a)  $2\frac{1}{4}$       b) 2      c)  $2\frac{3}{4}$       d) 4
- (2) Which of the following mixed numbers is equal to  $\frac{6}{5}$ ?
- a)  $1\frac{1}{2}$       b)  $1\frac{1}{5}$       c)  $1\frac{1}{12}$       d)  $1\frac{1}{6}$
- (3)  $\frac{1}{2} = \frac{?}{22}$
- a) 10      b) 11      c) 12      d) 20
- (4)  $\frac{7}{12}$  is closer to the benchmark fraction .....
- a) 1      b)  $\frac{1}{2}$       c)  $\frac{1}{4}$       d) 0
- (5) Recording amounts saved by a group of individuals during a month that can be represented graphically by .....
- a) Bars      b) Double bars      c) Pictograph      d) Line plot
- (6) The number of axes of symmetry of the square is .....
- a) 0      b) 1      c) 2      d) 4
- (7) The vertex of the opposite angle is .....

**[Q2] Complete the following:**

- (1)  $\frac{5}{12} + \frac{2}{12} + \frac{6}{12} = \dots$  (in simplest form)
- (2) The proper fraction has the numerator ..... than the denominator.
- (3) The place value of the digit 5 in the decimal number 12.15 is .....
- (4) The suitable graph representation to compare the maximum and minimum temperature between many governorates during a week is.....
- (5) The unit fraction that represents the shaded part is ... 
- (6) Number of halves in the whole one is .....
- (7) The fraction  $\frac{3}{12}$  represents of the circle angle of measure .....°
- (8) The angle of measure  $127^\circ$  is ..... angle



[03] Choose the correct answer:

(1) The number of unit fraction that forms the proper fraction  $\frac{5}{8}$  is.....

- a) 1                      b) 3                      c) 5                      d) 8

(2)  $3\frac{5}{8} - 2\frac{1}{8} = \dots$

- a)  $2\frac{1}{2}$                       b)  $2\frac{4}{8}$                       c)  $1\frac{1}{2}$                       d)  $1\frac{6}{8}$

(3)  $2\frac{1}{8}$  is equivalent to:

- a)  $\frac{4}{8} - \frac{2}{8}$                       b)  $\frac{4}{8} + \frac{2}{8}$                       c)  $\frac{17}{8}$                       d)  $\frac{11}{8}$

(4) The quadrilateral which has only one pair of parallel sides is .....

- a) Parallelogram      b) Rectangle      c) Rhombus      d) Trapezium

(5)  $\frac{20}{7} = \dots\dots\dots$  (As a mixed number)

- a)  $3\frac{1}{7}$                       b)  $2\frac{6}{7}$                       c)  $2\frac{1}{7}$                       d)  $1\frac{6}{7}$

(6) The standard form for the number: 3 ones, 5 tenths and 7 hundredths is

- a) 3.75      b) 3.57      c) 7.53      d) 5.37

(7) The opposite triangle is..... Triangle

- a) Acute                      b) Right                      c) Obtuse                      d) Otherwise



[04] Answer the following questions:

[A] Adam drunk 0.6 liter of juice. Omar drunk  $\frac{4}{10}$  liter of juice. Who drank more?.....

[B] How many small pieces of wood of length 0.1 meter can be cut from another big piece of length 0.7 meter?

[C] Hossam walked  $\frac{5}{10}$  kilometer then he walked  $\frac{21}{100}$  kilometer else. How long did Hosam walk to the home?

[D] The following data show the distance in kilometers that some students cover to the school:

$\frac{3}{5}$  Km,  $\frac{2}{5}$  Km,  $\frac{2}{5}$  Km,  $\frac{5}{5}$  Km,  $\frac{4}{5}$  Km,  $\frac{2}{5}$  Km,  $\frac{5}{5}$  Km,  $\frac{4}{5}$  Km,  $\frac{1}{5}$  Km

- (a) Create the line plot for the given data.  
 (b) What's the distance that most of the students cover to the school?

End of the questions



## PRIM 4 – MODEL NO

8

**[Q1] Choose the correct answer:**

(1) Number of unit fraction which formed the fraction three fifth is .....

- a) 1                                      b) 2                                      c) 3                                      d) 5


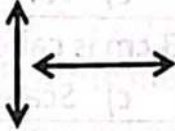
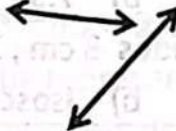

(2)  $\frac{1}{4} < \frac{1}{\dots\dots\dots}$ 

- a) 3                                      b) 5                                      c) 7                                      d) 8

(3)  $4\frac{1}{2} = \dots\dots\dots$  (As an improper fraction)

- a)  $\frac{5}{2}$                                       b)  $\frac{7}{2}$                                       c)  $\frac{9}{2}$                                       d)  $\frac{9}{4}$

(4) Which of the following are two perpendicular lines:

- a)       b)       c)       d) 

(5) Which of the following can be represented graphically by bar graph?

- a) favorite food                                      b) The population of two governorates in 5 years  
c) The number of jumps during a certain period of time                                      d) The favorite animal for boys and girls

(6) The value of the digit 4 in the number 3.94 is .....

- a) 4                                      b) 0.4                                      c) 0.04                                      d) 40

(7) 4 ones, 9 hundredths = .....

- a) 49                                      b) 4.9                                      c) 4.09                                      d) 0.49

**[Q2] Complete the following:**

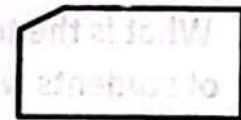
(1)  $\frac{2}{10} + \frac{3}{10} + \frac{9}{10} = \dots\dots\dots$

(2) The word form for the number 8.5 is.....

(3)  $1 - \frac{3}{5} = \dots\dots\dots$

(4)  $\frac{69}{100} + \frac{2}{10} = \dots\dots\dots$  (in a decimal form)

(5) Number of axes of symmetry of the figure = .....



(6) 7 tenths = ..... hundredths

(7) The fraction  $\frac{1}{12}$  represents of circle angle of measure = .....°

(8) The measure of right angle = .....°



[03] Choose the correct answer:

- (1) We measure the angle with unit .....
- a) Meter                      b) Kilogram                      c) Degree                      d) Liter
- (2) Which relation is correct?
- a)  $\frac{7}{12} > \frac{7}{9}$                       b)  $\frac{7}{8} < \frac{7}{10}$                       c)  $\frac{7}{13} < \frac{7}{11}$                       d)  $\frac{7}{15} > \frac{7}{9}$
- (3) The fraction  $\frac{7}{5}$  is called ..... fraction.
- a) Proper                      b) Improper                      c) Equal                      d) Mixed
- (4) The decimal fraction which equivalent to  $\frac{1}{4}$  is .....
- a) 0.25                      b) 0.4                      c) 0.5                      d) 0.1
- (5) 7 ones , 3 tenths and 4 hundredths = .....
- a) 734                      b) 7.34                      c) 7.43                      d) 4.37
- (6) The triangle of sides 3 cm , 3 cm , 3 cm is called .....
- a) Equilateral                      b) Isosceles                      c) Scalene                      d) Otherwise
- (7)  $31.47 = 30 + 1 + 0.4 + \dots\dots\dots$
- a) 7                      b) 0.7                      c) 0.07                      d) 70

[04] Answer the following questions:

[A] Ahmed made a frame for one of the paintings in the shape of a rectangle, the dimensions of which are 7m , 5m. Find its perimeter and area.

.....

[B] Hana's bought a piece of cloth of length  $\frac{8}{10}$  meter. And Mona bought another piece of length  $\frac{25}{100}$  meter. What is the total length of the two pieces?

.....

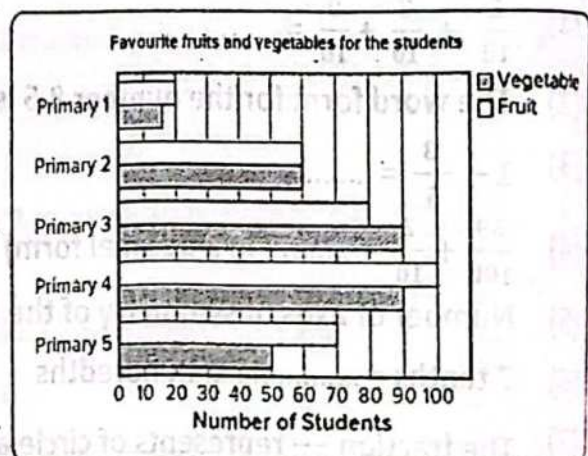
From the opposite figure:

[C] Which grade likes vegetables more than fruits?

.....

[D] What is the total number of students who like vegetables and fruits in grade 4?

.....



End of the questions



## PRIM 4 – MODEL No

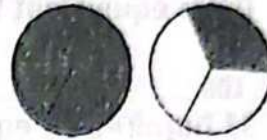
9

[Q1] Choose the correct answer:

(1) Which number fits in the blank?  $\frac{4}{7} = \frac{16}{\dots}$ 

- a) 4                                      b) 4                                      c) 20                                      d) 28

(2) The fraction which represents the shaded parts in the following model is .....



- a)  $\frac{2}{6}$                                       b)  $\frac{4}{3}$                                       c)  $\frac{4}{6}$                                       d)  $1\frac{2}{3}$

(3) The expanded form for the number 3.52 is .....

- a)  $3 + 0.5 + 0.023$     b)  $3 + 0.5 + 0.02$     c)  $3 + 0.2 + 0.05$     d)  $5 + 0.2 + 0.03$

(4) Data about the class's favorite meal can be represented graphically .....

- a) Bars                                      b) Double bars    c) Pictograph    d) Line plot

(5) If all sides of a triangle are equal lengths, then it is called a... triangle

- a) Equilateral    b) Isosceles    c) Scalene    d) Otherwise

(6) Two rays are formed the  $\angle ABC$  are .....

- a)  $\overrightarrow{AB}, \overrightarrow{AC}$     b)  $\overrightarrow{BA}, \overrightarrow{BC}$     c)  $\overrightarrow{AB}, \overrightarrow{BC}$     d)  $\overrightarrow{BA}, \overrightarrow{AC}$

(7)  $\frac{3}{10} + \frac{11}{100} = \dots$ 

- a) 0.14                                      b) 0.41                                      c) 3.11                                      d) 3.1

[Q2] Complete the following:

(1)  $9 \times \frac{1}{9} = \dots$ (2)  $5\frac{2}{7} = \dots$  As improper fraction

(3) The expand form of the number 6.34 is .....

(4) The place value of the digit 8 in the number 4.87 is .....

(5) Data on the favorite sports of boys and girls in the class represent graphically by .....

(6) A square image has the number of right angles = ..... angles

(7) When the time is 12:15, the hands of the clock make an angle of the type ..... angle

(8) The measure of angle which represents  $\frac{1}{\dots}$  from a circle =  $90^\circ$ 

ثمود الحوسى  
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[Q3] Choose the correct answer:

- (1) Which fraction is not equivalent to  $\frac{2}{6}$  ?  
 a)  $\frac{6}{12}$                       b)  $\frac{5}{15}$                       c)  $\frac{3}{9}$                       d)  $\frac{1}{3}$
- (2) Which of the following statements is true?  
 a)  $\frac{3}{5} = \frac{9}{25}$                       b)  $\frac{1}{2} = \frac{5}{15}$                       c)  $\frac{4}{5} = \frac{8}{10}$                       d)  $\frac{2}{10} = \frac{6}{10}$
- (3) 0.7 is equivalent to .....  
 a)  $\frac{7}{100}$                       b)  $\frac{1}{7}$                       c)  $\frac{10}{7}$                       d)  $\frac{70}{100}$
- (4) 31 hundredths equals .....  
 a)  $\frac{3}{100}$                       b) 0.69                      c) 0.31                      d)  $\frac{69}{100}$
- (5) To compare between rainfall in the deserts of Africa in the two years 2022, 2023 we use:  
 a) Bars                      b) Double bars                      c) Pictograph                      d) Line plot
- (6)  $\frac{1}{5} + \frac{1}{5} + \frac{1}{5} + \frac{1}{5} + \frac{1}{5} = \dots\dots\dots$   
 a)  $\frac{5}{20}$                       b)  $\frac{1}{20}$                       c) 1                      d) 20
- (7) The measure of straight angle = .....°  
 a) 90                      b) 108                      c) 180                      d) 360

[Q4] Answer the following questions:

[A] Omar has 20 cakes. If  $\frac{2}{5}$  of them are covered with chocolate. How many chocolate cakes are there? .....

[B] Khaled walked  $\frac{7}{10}$  kilometer then he walked  $\frac{31}{100}$  kilometer else. How long did Hosam walk to the home? .....

[C] How many small pieces of wood of length 0.1 meter can be cut from another big piece of length 0.6meter? .....

[D] The following table shows the favorite sport for a number of boys and girls, represents this data with double bar graph

Day	Football	Tennis	Swimming	Running	volleyball
Boys	4	3	5	3	4
Girls	5	3	4	5	3

End of the questions



[Q1] Choose the correct answer:

(1)  $\frac{2}{5} + \frac{3}{5} = \dots\dots\dots$

- a) 1                      b)  $\frac{5}{10}$                       c)  $\frac{1}{10}$                       d)  $\frac{6}{5}$

(2) The fraction  $\frac{6}{18}$  is equivalent to .....

- a)  $\frac{8}{12}$                       b)  $\frac{1}{3}$                       c)  $\frac{2}{5}$                       d)  $\frac{1}{6}$

(3) 4.4 = ..... tenths

- a) 0.44                      b) 4.4                      c) 44                      d) 440

(4) Two tenths , three hundredths ..... 0.23

- a) >                      b) =                      c) <                      d) Otherwise

(5) Showing the change in plant height for 7 weeks can be represented graphically by.....

- a) Bars                      b) Double bars                      c) Pictograph                      d) Line plot

(6) The triangle of sides 9 cm , 7 cm , 9 cm is ..... triangle

- a) Isosceles                      b) Equilateral                      c) Scalene                      d) Otherwise

(7) The geometric tools which is used to draw and measure angles is .....

- a) Ruler                      b) Triangle                      c) Protractor                      d) Compasses

[Q2] Complete the following:

(1) One whole has ..... quarters

(2)  $\frac{1}{4} = \frac{\dots\dots}{8}$

(3) The value of digit 7 in the number 9.17 is .....

(4) The word form of number 3.24 is .....

(5) Data on the height of two types of plants during three consecutive weeks can be represented graphically by.....

(6) The .....straight lines didn't have any intersection points

(7) The circle has ..... straight angles

(8) The  $\frac{1}{6}$  of circle represents with ..... angle



[Q3] Choose the correct answer:

(1) Which is the correct decomposition of  $\frac{5}{9}$  using unit fractions?

a)  $\frac{1}{9} + \frac{1}{9} + \frac{1}{9} + \frac{2}{9} = \frac{5}{9}$

c)  $\frac{1}{9} + \frac{4}{9} = \frac{5}{9}$

b)  $\frac{3}{9} + \frac{2}{9} = \frac{5}{9}$

d)  $\frac{1}{9} + \frac{1}{9} + \frac{1}{9} + \frac{1}{9} + \frac{1}{9} = \frac{5}{9}$

(2) Which relation is correct?

a)  $\frac{3}{7} > \frac{5}{7}$

b)  $\frac{6}{7} < \frac{4}{7}$

c)  $\frac{1}{7} > \frac{3}{7}$

d)  $\frac{1}{7} < \frac{5}{7}$

(3) Five tenths = fifty .....

a) Tens

b) Hundredth

c) Thousandths

d) Hundred

(4)  $3 \frac{5}{11} + 4 + \frac{1}{11} = \dots\dots\dots$

a)  $7 \frac{6}{11}$

b)  $7 \frac{6}{22}$

c)  $1 \frac{6}{11}$

d)  $12 \frac{6}{11}$

(5) The perimeter of rectangle whose dimensions 7 cm, 4 cm = ..... cm

a) 3

b) 11

c) 28

d) 22

(6) The fraction  $\frac{2}{8}$  represents of circle angle = .....°

a) 90

b) 180

c) 270

d) 360

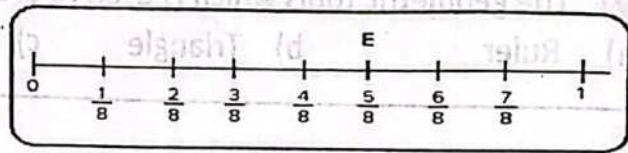
(7) The number of the unit fractions do we need to represent point E is .....

a) 1

c) 3

b) 5

d) 8



[Q4] Answer the following questions:

[A] With Ahmed 21 cakes,  $\frac{3}{7}$  covered with chocolate. How many chocolate covered cookies? .....

[B] Salma went to the market and bought 3.05 kg of bananas and  $3 \frac{7}{10}$  kg of apples. How many kilograms did Basma buy? .....

[C] Use protractor to draw angle of measure  $95^\circ$

[D] The following data show the distance in kilometers that some students cover to the school: Create the line plot for the given data

$\frac{3}{5}$  Km,  $\frac{2}{5}$  Km,  $\frac{2}{5}$  Km,  $\frac{5}{5}$  Km,  $\frac{4}{5}$  Km,  $\frac{2}{5}$  Km,  $\frac{5}{5}$  Km,  $\frac{4}{5}$  Km,  $\frac{1}{5}$  Km

End of the questions



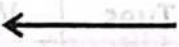
## PRIM 4 – MODEL No

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[Q1] Choose the correct answer:

- (1) The number of unit fraction which formed  $\frac{3}{7}$  equals .....
- a) 1                      b) 3                      c) 4                      d) 7
- 
- (2)  $\frac{1}{7}$  .....  $\frac{4}{7}$
- a) >                      b) =                      c) <                      d) Otherwise
- 
- (3) The place value of digit 0 in the number 10.52 is .....
- a) Ones                      b) Tenths                      c) Hundredths                      d) Hundred
- 
- (4) The weight of a person is 90.5 kg equals ..... Tenths Kg
- a) 5                      b) 90                      c) 905                      d) 9050
- 
- (5) When the data is numbers, use ..... to represents on number line
- a) Bars                      b) Double bars                      c) Pictograph                      d) Line plot
- 
- (6) Two straight lines are never intersecting are .....
- a) Perpendicular                      b) Parallel                      c) Intersecting                      d) Otherwise
- 
- (7) The angle of measure  $172^\circ$  is ..... Angle
- a) Acute                      b) Right                      c) Obtuse                      d) Straight

[Q2] Complete the following:

- (1)  $\frac{3}{7} \times \frac{3}{3} = \dots\dots\dots$
- (2) The fraction  $\frac{1}{7}$  is nearest benchmark fraction .....
- (3) One whole = ..... tenths
- (4) The mixed number which represents 12.07 is .....
- (5) The number of visitor to Cairo tower during a week represents graph with .....
- (6) The shape  is called .....
- (7) Rectangular garden with length 7 m , width 4 m, its area = .....  $m^2$
- (8) The number of degrees in the circle = ..... degrees



[03] Choose the correct answer:

- (1) ..... Which numerator is more than denominator  
 a) Proper                      b) Improper                      c) Mixed                      d) Whole No.
- (2) The equivalent fraction of  $\frac{2}{5}$  is .....  
 a)  $\frac{1}{5}$                       b)  $\frac{8}{5}$                       c)  $\frac{2}{20}$                       d)  $\frac{8}{20}$
- (3)  $0.25 = \dots\dots\dots$   
 a)  $\frac{1}{4}$                       b)  $\frac{1}{25}$                       c)  $\frac{5}{100}$                       d)  $\frac{25}{10}$
- (4) The expand form of 7.15 is .....  
 a)  $7 + 0.1 + 0.5$                       b)  $7 + 0.1 + 0.05$   
 c)  $7 + 0.01 + 0.05$                       d)  $5 + 0.1 + 0.7$
- (5) The favorite food of a group of boys and girls can be represented using the graph by .....  
 a) Bars                      b) Double bars                      c) Pictograph                      d) Line plot
- (6) All angles are right in  
 a) Square                      b) Rhombus                      c) Parallelogram                      d) Trapezium
- (7) The fraction  $\frac{3}{12}$  represent of the circle angle of measure .....  
 a)  $90^\circ$                       b)  $180^\circ$                       c)  $270^\circ$                       d)  $360^\circ$

[04] Answer the following questions:

[A] Khaled ate  $\frac{1}{7}$  from the candy box, so if there were 28 pieces in the box. How many pieces did Khaled eat? .....

[B] Two ropes, one with a mass  $\frac{3}{10}$  Kg , and the other with a mass  $\frac{13}{100}$  Kg. What is the total mass the two ropes together? .....

[C] Draw  $\overline{XY}$  parallel  $\overline{ZL}$

[D] The following table shows the number of circles each of Omar and Amira study during 6 days, represents this data with double bar graph

Day	Sat	Sun	Mon	Tues	Wed	Thru
Omar	4	5	2	5	5	3
Amira	3	4	3	6	4	2

End of the questions



[01] Choose the correct answer:

(1) The unit fraction of the following is .....

- a)  $\frac{2}{5}$                       b)  $\frac{1}{9}$                       c)  $\frac{9}{10}$                       d)  $\frac{2}{5}$

(2) .....  $< \frac{4}{9}$

- a)  $\frac{8}{9}$                       b)  $\frac{1}{9}$                       c)  $\frac{5}{9}$                       d) 1

(3) The value of the digit 7 in the number 0.71 is .....

- a) 7                      b) 0.7                      c) 0.07                      d) 70

(4)  $\frac{5}{10} + \frac{3}{100} = \dots\dots\dots$

- a)  $\frac{8}{100}$                       b)  $\frac{8}{110}$                       c)  $\frac{53}{100}$                       d)  $\frac{80}{100}$

(5) Survey data about the number of pets your friend has represents graph with .....

- a) Bars                      b) Double bars                      c) Pictograph                      d) Line plot

(6) All the perpendicular straight lines are ..... lines

- a) Parallel                      b) Separated                      c) Intersection                      d) Otherwise

(7) The angle of measure  $89^\circ$  is ..... Angle

- a) Acute                      b) Right                      c) Obtuse                      d) Straight

[02] Complete the following:



(1) The fraction which represents the opposite model .....

(2)  $3\frac{1}{8} = \dots\dots\dots$  As improper fraction

(3) The place value of digit 5 in the number 0.57 is .....

(4)  $\frac{\dots\dots\dots}{10} = \frac{70}{100}$

(5) Questionnaire data on the favorite foods of boys and girls represent graphically with ..... 

(6) Start point of the opposite ray is point .....

(7) The measure of right angle = .....  $^\circ$

(8) If the area of square is  $36 \text{ cm}^2$ , then its Side length = ..... cm



[03] Choose the correct answer:

- (1) The fraction  $\frac{17}{6}$  is called .....
- a) Proper                      b) Improper                      c) Mixed                      d) Otherwise
- (2) Huda made 35 cakes, one of them contains  $\frac{3}{5}$  cream. The number of cakes that contain On cream = ..... cake
- a) 15                      b) 21                      c) 9                      d) 25
- (3) Number of hundredths of the number 2.37= ..... Parts
- a) 37                      b) 7                      c) 3                      d) 237
- (4)  $1\frac{7}{100} = \dots\dots\dots$
- a) 1.7                      b) 1.07                      c) 0.17                      d) 1.17
- (5) The graph that shows the repetition of data on the number line is a graph with.....
- a) Bars                      b) Double bars                      c) Pictograph                      d) Line plot
- (6) Any triangle has at least ..... Acute angles
- a) 1                      b) 2                      c) 3                      d) 4
- (7) The triangle of sides lengths 10 cm , 7 cm , 10 cm is called ..... triangle
- a) Equilateral                      b) Isosceles                      c) Scalene                      d) Otherwise

[04] Answer the following questions:

[A] Ahmed ate a whole orange, Doaa ate  $\frac{1}{7}$  orange, and Nahed ate  $\frac{4}{7}$  orange. How much What did Ahmed, Doaa and Nahed eat from oranges?

.....

[B] Hussam's mass was 72.6 kg. Express Hussam's mass in decimal number form, then in fraction form.

.....

[C] From the opposite figure: Find:

- ① Line segment                      ② Ray



[D] The following table shows the number of students participating in school activities, represents this data with bar graph

Activities	Social	Cultural	Sports	Artistic
No. of students	30	20	45	10

End of the questions



## PRIM 4 – MODEL NO

13

**[Q1] Choose the correct answer:**

- (1) The number of unit fraction which formed  $\frac{3}{5}$  equals .....
- a) 1                      b) 3                      c) 4                      d) 5
- 
- (2)  $\frac{13}{7}$  .....  $\frac{11}{7}$
- a) >                      b) =                      c) <                      d) Otherwise
- 
- (3) The value of 3 is 0.03 in the number .....
- a) 3                      b) 13.1                      c) 12.3                      d) 6.23
- 
- (4)  $\frac{8}{10} + \frac{25}{100} =$  .....
- a)  $\frac{33}{100}$                       b)  $5\frac{1}{10}$                       c)  $\frac{150}{100}$                       d)  $1\frac{5}{100}$
- 
- (5) A bar graph is used to display ..... data on a graph
- a) 1 group                      b) 2 group                      c) 3 group                      d) 4 group
- 
- (6) The two ..... straight lines make 4 right angles
- a) Perpendicular                      b) Parallel                      c) Intersection                      d) Otherwise
- 
- (7) Which of the following is acute angle?
- a)  $110^\circ$                       b)  $35^\circ$                       c)  $90^\circ$                       d)  $180^\circ$

**[Q2] Complete the following:**

- (1)  $5 - \frac{3}{9} =$  .....
- (2)  $\frac{11}{3} =$  ..... as mixed number
- (3) The standard form of the number seventy hundredths is .....
- (4)  $\frac{\text{.....}}{100} =$  4 tenths , 4 hundredths
- (5) The data of the population of two governorates in five different years represents with graph by .....
- (6) If the line segment extends from two sides, we get .....
- (7) The measure of right angle = ..... $^\circ$
- (8)  $\frac{5}{12}$  of the circle = ..... $^\circ$



[03] Choose the correct answer:

(1) The proper fraction of the following is .....

- a)  $\frac{11}{3}$                       b)  $\frac{7}{8}$                       c)  $3\frac{5}{7}$                       d)  $\frac{8}{5}$

(2)  $\frac{12}{18} = \frac{\dots\dots}{3}$

- a) 3                      b) 6                      c) 4                      d) 2

(3)  $\frac{3}{100} = \dots\dots\dots$

- a) 0.3                      b) 3.0                      c) 0.03                      d) 0.33

(4) The value of 9 in the number 5.97 is .....

- a) 9.0                      b) 0.9                      c) 0.09                      d) 90

(5) Questionnaire for the period of time spent by 25 pupils to perform the homework to the nearest circle is a representation graphically by .....

- a) Bars                      b) Double bars                      c) Pictograph                      d) Line plot

(6) The type of the opposite angle .....

- a) Acute                      b) Obtuse                      c) Right                      d) Straight

(7) If the measure of greatest angle in triangle is  $100^\circ$ , then the triangle is...

- a) Acute                      b) Obtuse                      c) Right                      d) Otherwise

[04] Answer the following questions:

[A] Samira cut a cake into 9 equal parts, and ate one of them. What parts are left of the cake? .....

[B] Hana drank  $1\frac{63}{100}$  cup of juice. Express this quantity in decimal form. What is the number hundredths? .....

[C] Draw line segment  $\overline{AB}$  intersect the ray  $\overrightarrow{XY}$

[D] The following table shows the number of daily study hours for some students, represents this data with bar graph

Student name	Ahmed	Omar	Dalia	Khaled	Nader
No. of Hours	$3\frac{1}{4}$	$2\frac{1}{4}$	$1\frac{1}{2}$	2	$3\frac{1}{4}$

End of the questions



[01] Choose the correct answer:

- (1) The expression which equivalent to  $\frac{3}{3}$  is .....
- a)  $\frac{1}{3} + \frac{1}{3} + \frac{1}{3}$                       b)  $\frac{1}{3} + \frac{4}{3}$
- c)  $\frac{1}{3} + \frac{2}{3} + \frac{3}{3}$                       d)  $\frac{1}{4} + \frac{1}{4} + \frac{1}{4}$
- (2)  $\frac{3}{6}$  .....  $\frac{1}{2}$
- a) >                      b) <                      c) =                      d) Otherwise
- (3) The value of 7 is 0.07 in the number .....
- a) 70.28                      b) 7.15                      c) 21.7                      d) 12.47
- (4)  $\frac{1}{10} + \dots = \frac{15}{100}$
- a)  $\frac{5}{100}$                       b)  $\frac{14}{10}$                       c)  $\frac{14}{90}$                       d)  $\frac{50}{100}$
- (5) A double bar graph is used to display ..... data on a graph
- a) 1 group                      b) 2 group                      c) 3 group                      d) 4 group
- (6) Number of intersection points of two perpendicular lines = .....
- a) One                      b) 2 points                      c) 3 points                      d) 4 points
- (7) The circle has ..... degrees
- a) 260                      b) 360                      c) 180                      d) 90

[02] Complete the following:

- (1) The number of unit fraction which formed  $\frac{5}{9}$  equals .....
- (2)  $7\frac{3}{5} = \dots$  as improper fraction
- (3) The decimal number 

--	--	--	--	--	--

 which represents the opposite model 

--	--	--	--	--	--
- (4)  $1.3 = \frac{\dots}{10}$
- (5) Data about the favorite animals of the students in the class represents graphically with .....
- (6) Number of axis of symmetry of rhombus = .....
- (7) The angle of measure  $74^\circ$  is called ..... angle
- (8)  $\frac{1}{3}$  of the circle = ..... $^\circ$



[Q3] Choose the correct answer:

(1) The improper fraction of the following is .....

- a)  $\frac{17}{9}$                       b)  $\frac{7}{9}$                       c)  $3\frac{5}{7}$                       d)  $\frac{2}{3}$

(2)  $7 - 5\frac{1}{6} = \dots\dots\dots$

- a)  $\frac{7}{6}$                       b) 2                      c)  $\frac{4}{6}$                       d)  $\frac{11}{6}$

(3) The equivalent fraction of the number 0.7 is .....

- a)  $\frac{70}{10}$                       b)  $\frac{7}{100}$                       c)  $\frac{7}{10}$                       d)  $\frac{700}{100}$

(4) The expand form of 9.04 is .....

- a)  $9 + 0.4$                       b)  $9 + 40$                       c)  $9 + 0.2$                       d)  $9 + 0.04$

(5) One of the following topics can be represented using the line plot representation is .....

- a) The favorite club of two groups                      b) The number of devices in two stores  
c) The number of family members for class pupils                      d) The favorite type of ice cream for pupils of two classes

(6) All angles in the equilateral triangle are .....

- a) Acute                      b) Right                      c) Obtuse                      d) Otherwise

(7) The vertex of  $\angle LMN$  is .....

- a)  $\overrightarrow{ML}$                       b) L                      c) M                      d) N

[Q4] Answer the following questions:

[A] Hani drank  $2\frac{3}{7}$  liter of water, and Samir drank  $3\frac{2}{7}$  liter of water. What are the total liters that Hani and Samir drank? .....

[B] If 44 students out of 100 students prefer football. Express it in the form of a decimal fraction, and in the form of a regular fraction.

[C] Draw the straight line  $\overleftrightarrow{AB}$  intersecting ray  $\overrightarrow{XY}$  and forming 4 square angles

[D] The following table shows the number of products sold in each of the shop (A) and shop (B) during a week represents this data with double bar graph

Day	Mango	Chocolate	Vanilla	Lemon
Shop (A)	90	75	35	30
Shop (B)	75	70	50	15

End of the questions



**[01] Choose the correct answer:**

- (1) The unit fraction of the following fraction is .....
- a)  $\frac{3}{7}$                       b) 1                      c)  $\frac{3}{8}$                       d)  $\frac{1}{9}$
- (2) The nearest fraction to  $\frac{1}{2}$  is .....
- a)  $\frac{5}{9}$                       b)  $\frac{1}{9}$                       c)  $\frac{9}{9}$                       d)  $\frac{2}{9}$
- (3) The value of 9 is 0.9 in the number .....
- a) 8.95                      b) 8.59                      c) 9.85                      d) 90.580
- (4) A bottle has  $\frac{7}{10}$  liter, another bottle has  $\frac{14}{100}$  liter , then total = ..... liters
- a)  $\frac{21}{110}$                       b)  $\frac{21}{100}$                       c)  $\frac{84}{100}$                       d)  $\frac{21}{10}$
- (5) Collecting some data about the class's favorite animal, which can be represented graphically .....
- a) Bars                      b) Double bars                      c) Pictograph                      d) Line plot
- (6) The number intersection points of two perpendicular lines are .....
- a) One                      b) Two                      c) Three                      d) Zero
- (7) The measure of right angle = .....°
- a) 108                      b) 118                      c) 180                      d) 90

**[02] Complete the following:**

(1)  $9 - 4 \frac{3}{7} = \dots\dots\dots$

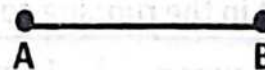
(2)  $\frac{2}{7} < \frac{2}{\dots\dots\dots}$

(3) The expand form of the fraction 23 hundredths is .....

(4)  $1 \frac{50}{100} = 1 \frac{\dots\dots\dots}{10}$

(5) Rainfall data in the year 2022 and the year 2023 in different countries are represented graphically with .....

(6) The opposite figure is called .....



(7) The angle of measure  $179^\circ$  is called ..... angle

(8)  $\frac{1}{3}$  Of the circle = ..... degree

محمد الخوي  
01014315472



[Q3] Choose the correct answer:

(1) The mixed number of the following is .....

- a)  $7 \frac{5}{9}$                       b)  $\frac{9}{2}$                       c)  $\frac{18}{24}$                       d)  $\frac{13}{5}$

(2) The correct mathematical expression is .....

- a)  $\frac{9}{25} = \frac{3}{5}$                       b)  $\frac{4}{5} = \frac{1}{2}$                       c)  $\frac{6}{10} = \frac{2}{10}$                       d)  $\frac{8}{10} = \frac{4}{5}$

(3) The place value of the number 7 in the number 3.27 is ....

- a) Ones                      b) Tenths                      c) Hundredths                      d) Tens

(4) The standard form of: 7 ones, 2 tenths, 9 hundredths

- a) 7.29                      b) 72.9                      c) 9.72                      d) 2.79

(5) All the following can be represented using a double bar graph EXCEPT .....

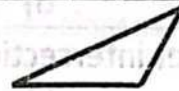
- a) The meals preferred by boys and girls                      b) The number of brothers and sisters for the students in the class  
c) Comparing the population of two governorates in 5 years                      d) Scores of a group of pupils in mathematics and science

(6) The quadrilateral has 4 right angles is .....

- a) Parallelogram                      b) Rhombus                      c) Rectangle                      d) Trapezium

(7) The opposite triangle is ..... Triangle

- a) Acute                      b) Right                      c) Obtuse                      d) Otherwise



[Q4] Answer the following questions:

[A] Arrange from smallest to greatest:  $\frac{7}{9}$ ,  $\frac{2}{9}$ ,  $\frac{5}{9}$ ,  $\frac{10}{9}$ ,  $\frac{1}{9}$

[B] A tree of length  $3 \frac{7}{100}$ , express the length as decimal number and as hundredths parts.

[C] A rectangular squash playground with an area of  $42 \text{ m}^2$ , one side of which is 7 meters long. Find the length the other side of the playground.

[D] The following table shows the distance in kilometers covered by each student in the running competition, represents this data with bar graph

Student name	Logy	Hana	Ahmed	Nanny	Farah
No. of Hours	$2 \frac{1}{2}$	$2 \frac{1}{4}$	$1 \frac{3}{4}$	3	$3 \frac{3}{4}$

End of the questions



## PRIM 4 – MODEL NO

16

**[Q1] Choose the correct answer:**

(1) The greatest unit fraction of the following is .....

- a)  $\frac{3}{2}$                       b)  $\frac{3}{4}$                       c)  $\frac{3}{3}$                       d)  $\frac{3}{5}$

(2)  $\frac{1}{\dots} < \frac{1}{7}$ 

- a) 4                      b) 3                      c) 2                      d) 6

(3) The value of the digit 4 is 0.4 in the number .....

- a) 2.84                      b) 41.29                      c) 96.43                      d) 47.32

(4)  $\frac{17}{100} + \frac{5}{10} = \dots\dots\dots$ 

- a)  $\frac{22}{110}$                       b)  $\frac{22}{100}$                       c)  $\frac{67}{100}$                       d)  $\frac{67}{10}$

(5) The favorite food of a group of boys and girls in the class can be represented graphically by.....

- a) Bars                      b) Double bars                      c) Pictograph                      d) Line plot

(6) Two perpendicular lines formed ..... Right angles

- a) 3                      b) 4                      c) 5                      d) 6

(7) The fraction  $\frac{7}{12}$  represents of the circle angle of measure .....°

- a) 360                      b) 330                      c) 210                      d) 70

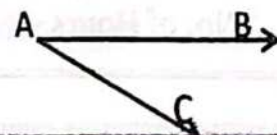
**[Q2] Complete the following:**(1) The fraction  $\frac{6}{9}$  is nearest to benchmark fraction .....(2)  $\frac{1}{\dots} = \frac{7}{21}$ 

(3) The place value of the number 1 in the number 91.23 is .....

(4) Number of hundredths in the number 7 = ..... hundredths

(5) Data of degrees of mathematics for the students of the class represents graphically with .....

(6) ..... is a line has start point and has no end point.

(7) The angle of measure  $163^\circ$  is .....angle(8) The name of the opposite angle is  $\angle$  .....



[03] Choose the correct answer:

(1) All the following represents improper fraction except .....

- a)  $\frac{13}{2}$                       b)  $\frac{29}{7}$                       c)  $\frac{1}{21}$                       d)  $\frac{19}{18}$

(2)  $5 \times \frac{1}{7} = \dots\dots\dots$

- a)  $\frac{7}{5}$                       b)  $\frac{5}{7}$                       c)  $\frac{1}{35}$                       d)  $\frac{51}{7}$

(3) The equivalent fraction of the decimal fraction 0.37 is .....

- a)  $\frac{370}{100}$                       b)  $\frac{370}{10}$                       c)  $\frac{37}{100}$                       d)  $\frac{37}{10}$

(4)  $1.7 = 1 + \dots\dots\dots$

- a) 17                      b) 0.2                      c) 0.7                      d) 0.17

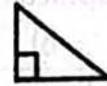
(5)  $9 - 7\frac{1}{2} = \dots\dots\dots$

- a)  $2\frac{1}{2}$                       b)  $8\frac{1}{2}$                       c)  $1\frac{1}{2}$                       d)  $15\frac{1}{2}$

(6) The quadrilateral of equal sides is called .....

- a) Parallelogram                      b) Rectangle                      c) Rhombus                      d) Trapezium

(7) The opposite triangle is ..... Triangle



- a) Acute                      b) Right                      c) Obtuse                      d) Otherwise

[04] Answer the following questions:

[A] Ahmad has  $3\frac{2}{5}$  kilograms of oranges. If one kilogram of them is spoiled, how much is left for him?

.....

[B] A tree with a length of  $3\frac{17}{100}$  meters. Represent the length of the tree in decimal form, then in hundredths parts.

.....

[C] A rectangular swimming pool 12 meters long and 8 meters wide. find its circumference.

.....

[D] The following table shows the distance in kilometers covered by each student in the running competition, represents this data with bar graph

Student name	Amira	Ahmed	Salma	Khaled	Dalia
No. of Hours	$1\frac{1}{2}$	$1\frac{1}{4}$	$\frac{3}{4}$	2	$1\frac{3}{4}$

End of the questions



[Q1] Choose the correct answer:

(1)  $1 \frac{1}{4} + \frac{3}{4} = \dots$

- a)  $2 \frac{1}{4}$       b) 2      c)  $2 \frac{3}{4}$       d) 4

(2) Which of the following mixed numbers is equal to  $\frac{6}{5}$ ?

- a)  $1 \frac{1}{2}$       b)  $1 \frac{1}{5}$       c)  $1 \frac{1}{12}$       d)  $1 \frac{1}{6}$

(3)  $\frac{1}{2} = \frac{?}{22}$

- a) 10      b) 11      c) 12      d) 20

(4)  $\frac{7}{12}$  is closure to benchmark fraction .....

- a) 1      b)  $\frac{1}{2}$       c)  $\frac{1}{4}$       d) 0

(5) Recording amounts saved by a group of individuals during a month that can be represented graphically by .....

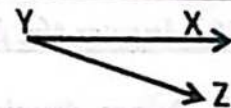
- a) Bars      b) Double bars      c) Pictograph      d) Line plot

(6) The number of axes of symmetry of the square is .....

- a) 0      b) 1      c) 2      d) 4

(7) The vertex of the opposite angle is .....

- a) X      b) Y      c) Z      d) ZYX



[Q2] Complete the following:

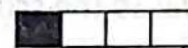
(1)  $\frac{5}{12} + \frac{2}{12} + \frac{6}{12} = \dots$  (in simplest form)

(2) The improper fraction has the numerator ..... than the denominator.

(3) The place value of the digit 7 in the decimal number 17.15 is .....

(4) The suitable graph representation to compare the maximum and minimum temperature between many governorates during a week is.....

(5) The unit fraction that represents the shaded part is ...



(6) Number of thirds in the whole one is .....

(7) The fraction  $\frac{3}{4}$  is represents of the circle angle of measure .....°

(8) The angle of measure  $157^\circ$  is ..... angle



[Q3] Choose the correct answer:

(1) The number of unit fraction that forms the proper fraction  $\frac{5}{9}$  is.....

- a) 1                      b) 3                      c) 5                      d) 8

(2)  $7\frac{5}{8} - 6\frac{1}{8} =$  .....

- a)  $2\frac{1}{2}$                       b)  $2\frac{4}{8}$                       c)  $1\frac{1}{2}$                       d)  $1\frac{6}{8}$

(3)  $2\frac{1}{8}$  is equivalent to:

- a)  $\frac{4}{8} - \frac{2}{8}$                       b)  $\frac{4}{8} + \frac{2}{8}$                       c)  $\frac{17}{8}$                       d)  $\frac{11}{8}$

(4) The quadrilateral which has only one pair of parallel sides is .....

- a) Parallelogram                      b) Rectangle                      c) Rhombus                      d) Trapezium

(5)  $\frac{36}{7} =$  ..... (As a mixed number)

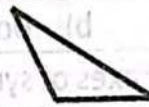
- a)  $5\frac{1}{7}$                       b)  $4\frac{6}{7}$                       c)  $4\frac{1}{7}$                       d)  $3\frac{6}{7}$

(6) The standard form for the number: 8 ones, 5 tenths and 7 hundredths is

- a) 87.5                      b) 8.57                      c) 8.75                      d) 7.58

(7) The opposite triangle is ..... Triangle

- a) Acute                      b) Right                      c) Obtuse                      d) Otherwise



[Q4] Answer the following questions:

[A] Adam drunk 0.7 liter of juice. Omar drunk  $\frac{9}{10}$  liter of juice. Who drank more? .....

[B] How many small pieces of wood of length 0.1 meter can be cut from another big piece of length 0.6 meter?  
.....

[C] Hossam walked  $\frac{7}{10}$  kilometer then he walked  $\frac{41}{100}$  kilometer else. How long did Hosam walk to the home?  
.....

[D] The following data show the distance in kilometers that some students cover to the school:

$\frac{3}{5}$  Km,  $\frac{2}{5}$  Km,  $\frac{2}{5}$  Km,  $\frac{5}{5}$  Km,  $\frac{4}{5}$  Km,  $\frac{2}{5}$  Km,  $\frac{5}{5}$  Km,  $\frac{4}{5}$  Km,  $\frac{1}{5}$  Km

(a) Create the line plot for the given data.

(b) What's the distance that most of the students cover to the school?

End of the questions



## PRIM 4 – MODEL NO

18

**[Q1] Choose the correct answer:**

(1) Number of unit fraction which formed the fraction four sixths is .....

- a) 1                      b) 2                      c) 4                      d) 6

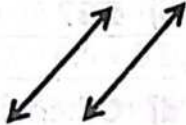
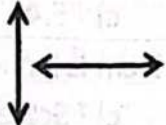
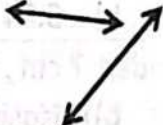

(2)  $\frac{1}{7} < \frac{1}{\dots\dots\dots}$ 

- a) 3                      b) 5                      c) 7                      d) 8

(3)  $7\frac{1}{2} = \dots\dots\dots$  (As an improper fraction)

- a)  $\frac{71}{2}$                       b)  $\frac{17}{2}$                       c)  $\frac{15}{2}$                       d)  $\frac{9}{4}$

(4) Which of the following are two parallel lines:

- a)       b)       c)       d) 

(5) Which of the following can be represented graphically by bar graph?

- a) favorite food                      b) The population of two governorates in 5 years  
c) The number of jumps during a certain period of time                      d) The favorite animal for boys and girls

(6) The value of the digit 9 in the number 3.94 is .....

- a) 9                      b) 0.9                      c) 0.09                      d) 90

(7) 4 ones, 9 hundredths = .....

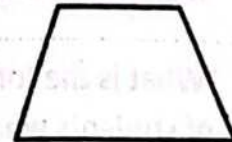
- a) 49                      b) 4.9                      c) 4.09                      d) 0.49

**[Q2] Complete the following:**(1)  $\frac{5}{11} + \frac{3}{11} + \frac{9}{11} = \dots\dots\dots$ 

(2) The word form for the number 7.15 is .....

(3)  $3 - \frac{3}{5} = \dots\dots\dots$ (4)  $\frac{69}{100} + \frac{2}{10} = \dots\dots\dots$  (in a decimal form)

(5) Number of axes of symmetry of the figure = .....



(6) 9 tenths = ..... hundredths

(7) The fraction  $\frac{1}{6}$  represents of circle angle of measure = .....°

(8) The measure of obtuse angle &gt; .....°



[Q3] Choose the correct answer:

- (1) We measure the angle with unit .....
- a) Meter                      b) Kilogram                      c) Degree                      d) Liter
- (2) Which relation is correct?
- a)  $\frac{7}{12} > \frac{7}{9}$                       b)  $\frac{7}{8} < \frac{7}{10}$                       c)  $\frac{7}{13} < \frac{7}{11}$                       d)  $\frac{7}{15} > \frac{7}{9}$
- (3) The fraction  $\frac{3}{7}$  is called ..... fraction.
- a) Proper                      b) Improper                      c) Equal                      d) Mixed
- (4) The decimal fraction which equivalent to  $\frac{1}{2}$  is .....
- a) 0.25                      b) 0.4                      c) 0.5                      d) 0.1
- (5) 5 ones , 3 tenths and 4 hundredths = .....
- a) 534                      b) 5.34                      c) 5.43                      d) 5.37
- (6) The triangle of sides 7 cm , 7 cm , 7 cm is called .....
- a) Equilateral                      b) Isosceles                      c) Scalene                      d) Otherwise
- (7)  $61.57 = 60 + 1 + 0.5 + \dots$
- a) 7                      b) 0.7                      c) 0.07                      d) 70

[Q4] Answer the following questions:

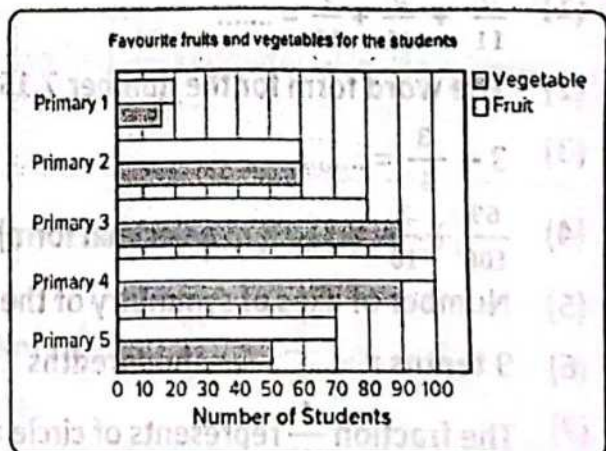
[A] Ahmed made a frame for one of the paintings in the shape of a rectangle, the dimensions of which are 9 m , 6 m. Find its perimeter and area.

[B] Hana's bought a piece of cloth of length  $\frac{7}{10}$  meter. And Mona bought another piece of length  $\frac{13}{100}$  meter. What is the total length of the two pieces?

From the opposite figure:

[C] Which grade likes vegetables more than fruits?

[D] What is the total number of students who like vegetables and fruits in grade 4?



End of the questions

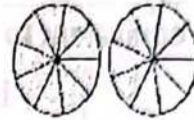


[Q1] Choose the correct answer:

(1) Which number fits in the blank?  $\frac{2}{3} = \frac{18}{\dots}$

- a) 6                      b) 9                      c) 19                      d) 27

(2) The fraction which represents the shaded parts in the following model is .....



- a)  $\frac{13}{9}$                       b)  $\frac{13}{18}$                       c)  $\frac{5}{9}$                       d)  $\frac{4}{9}$

(3) The expanded form for the number 2.35 is .....

- a)  $2 + 0.5 + 0.03$       b)  $3 + 0.5 + 0.02$       c)  $2 + 0.3 + 0.05$       d)  $5 + 0.2 + 0.03$

(4) Data about the class's favorite meal can be represented graphically .....

- a) Bars                      b) Double bars      c) Pictograph      d) Line plot

(5) If all sides of a triangle are different lengths, then it is called a... triangle

- a) Equilateral      b) Isosceles      c) Scalene      d) Otherwise

(6) Two rays are formed the  $\angle ABC$  are .....

- a)  $\overrightarrow{AB}, \overrightarrow{AC}$       b)  $\overrightarrow{BA}, \overrightarrow{BC}$       c)  $\overrightarrow{AB}, \overrightarrow{BC}$       d)  $\overrightarrow{BA}, \overrightarrow{AC}$

(7)  $\frac{1}{10} + \frac{11}{100} = \dots$

- a) 0.21                      b) 0.12                      c) 2.1                      d) 1.2

[Q2] Complete the following:

(1)  $7 \times \frac{1}{9} = \dots$

(2)  $4 \frac{1}{2} = \dots$

As improper fraction

(3) The expand form of the number 1.28 is .....

(4) The place value of the digit 4 in the number 4.87 is .....

(5) Data on the favorite sports of boys and girls in the class represent graphically by .....

(6) A square image has the number of right angles = ..... angles

(7) When the time is 7:05, the hands of the clock make an angle of the type ..... angle

(8) The measure of angle which represents  $\frac{1}{\dots}$  from a circle =  $60^\circ$

نمود الخولي  
01014315472



[03] Choose the correct answer:

- (1) Which fraction is not equivalent to  $\frac{3}{9}$ ?
- a)  $\frac{6}{12}$                       b)  $\frac{5}{15}$                       c)  $\frac{2}{6}$                       d)  $\frac{1}{3}$
- (2) Which of the following statements is true?
- a)  $\frac{3}{5} = \frac{9}{25}$                       b)  $\frac{1}{2} = \frac{5}{15}$                       c)  $\frac{4}{5} = \frac{8}{10}$                       d)  $\frac{2}{10} = \frac{6}{10}$
- (3) 0.4 is equivalent to .....
- a)  $\frac{4}{100}$                       b)  $\frac{1}{4}$                       c)  $\frac{10}{4}$                       d)  $\frac{40}{100}$
- (4) 71 hundredths equals .....
- a)  $\frac{7}{100}$                       b) 0.29                      c) 0.71                      d)  $\frac{17}{100}$
- (5) To compare between rainfall in the deserts of Africa in the two years 2020, 2022 we use:
- a) Bars                      b) Double bars                      c) Pictograph                      d) Line plot
- (6)  $\frac{1}{4} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4} = \dots\dots\dots$
- a)  $\frac{4}{16}$                       b)  $\frac{1}{16}$                       c) 1                      d) 16
- (7) The measure of straight angle = ..... right angles
- a) 2                      b) 3                      c) 4                      d) 5

[04] Answer the following questions:

[A] Ahmed has 15 cakes. If  $\frac{3}{5}$  of them are covered with chocolate. How many chocolate cakes are there? .....

[B] Hossam walked  $\frac{5}{10}$  kilometer then he walked  $\frac{21}{100}$  kilometer else. How long did Hosam walk to the home? .....

[C] How many small pieces of wood of length 0.1 meter can be cut from another big piece of length 0.7 meter? .....

[D] The following table shows the favorite sport for a number of boys and girls, represents this data with double bar graph

Day	Football	Tennis	Swimming	Running	volleyball
Boys	3	4	3	6	4
Girls	4	5	2	5	5

End of the questions



**[Q1] Choose the correct answer:**

(1)  $\frac{4}{7} + \frac{3}{7} = \dots\dots\dots$

- a) 1                      b)  $\frac{7}{14}$                       c)  $\frac{1}{7}$                       d)  $\frac{1}{14}$

(2) The fraction  $\frac{8}{24}$  is equivalent to .....

- a)  $\frac{8}{12}$                       b)  $\frac{1}{3}$                       c)  $\frac{2}{5}$                       d)  $\frac{1}{6}$

(3) 5.5 = ..... tenths

- a) 0.55                      b) 5.5                      c) 55                      d) 550

(4) Two tenths , three hundredths ..... 0.23

- a) >                      b) =                      c) <                      d) Otherwise

(5) Showing the change in plant height for 5 weeks can be represented graphically by.....

- a) Bars                      b) Double bars                      c) Pictograph                      d) Line plot

(6) The triangle of sides 5 cm , 4 cm , 5 cm is ..... triangle

- a) Isosceles                      b) Equilateral                      c) Scalene                      d) Otherwise

(7) The geometric tools which is used to draw and measure angles is .....

- a) Ruler                      b) Triangle                      c) Protractor                      d) Compasses

**[Q2] Complete the following:**

(1) One whole has ..... Sixths .

(2)  $\frac{1}{2} = \frac{\dots\dots}{8}$

(3) The value of digit 1 in the number 9.17 is .....

(4) The word form of number 1.28 is .....

(5) Data on the height of two types of plants during three consecutive weeks can be represented graphically by.....

(6) The .....straight lines didn't have any intersection points

(7) The circle has ..... straight angles

(8) The  $\frac{1}{4}$  of circle represents with ..... angle



[03] Choose the correct answer:

(1) Which is the correct decomposition of  $\frac{5}{9}$  using unit fractions?

a)  $\frac{1}{9} + \frac{1}{9} + \frac{1}{9} + \frac{2}{9} = \frac{5}{9}$

c)  $\frac{1}{9} + \frac{4}{9} = \frac{5}{9}$

b)  $\frac{3}{9} + \frac{2}{9} = \frac{5}{9}$

d)  $\frac{1}{9} + \frac{1}{9} + \frac{1}{9} + \frac{1}{9} + \frac{1}{9} = \frac{5}{9}$

(2) Which relation is correct?

a)  $\frac{3}{7} > \frac{5}{7}$

b)  $\frac{6}{7} < \frac{4}{7}$

c)  $\frac{1}{7} > \frac{3}{7}$

d)  $\frac{1}{7} < \frac{5}{7}$

(3) Five tenths = fifty .....

a) Tens

b) Hundredth

c) Thousandths

d) Hundred

(4)  $4\frac{7}{11} + 2 + \frac{1}{11} = \dots\dots\dots$

a)  $6\frac{8}{11}$

b)  $6\frac{8}{22}$

c)  $2\frac{6}{11}$

d)  $7\frac{8}{11}$

(5) The perimeter of rectangle whose dimensions 7 cm , 4 cm = ..... cm

a) 3

b) 11

c) 28

d) 22

(6) The fraction  $\frac{3}{12}$  represents of circle angle = .....°

a) 90

b) 180

c) 270

d) 360

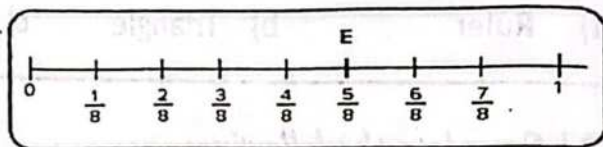
(7) The number of the unit fractions do we need to represent point E is .....

a) 1

c) 3

b) 5

d) 8



[04] Answer the following questions:

[A] With Hussein 15 cakes,  $\frac{3}{5}$  covered with chocolate. How many chocolate covered cookies? .....

[B] Basma went to the market and bought 2.05 kg of bananas and  $3\frac{7}{10}$  kg of apples. How many kilograms did Basma buy? .....

[C] Use protractor to draw angle of measure  $95^\circ$

[D] The following data show the distance in kilometers that some students cover to the school: Create the line plot for the given data

$\frac{3}{5}$  Km,  $\frac{2}{5}$  Km,  $\frac{2}{5}$  Km,  $\frac{5}{5}$  Km,  $\frac{4}{5}$  Km,  $\frac{2}{5}$  Km,  $\frac{5}{5}$  Km,  $\frac{4}{5}$  Km,  $\frac{1}{5}$  Km

End of the questions